

पी एम श्री केन्द्रीय विद्यालय पासीघाट

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Autum Break holiday homework 2024–25

कक्षा – नौवीं (हिंदी)

1. पाठ्यपुस्तक क्षितिज, कृतिका या अध्याय में दिए गए व्याकरण के किसी एक पाठ पर आधारित चार्ट या मॉडल तैयार करें।
2. पढ़ाए गए सभी पाठों को दोहराएं, प्रश्न उत्तर याद करें विद्यालय आने पर परीक्षा ली जाएगी।
3. किसी एक पर्यटक स्थल की सचित्र यात्रा 'लघु कथा' के रूप में लिखिए।
4. कक्षा समूह में सीबीएसई आधारित एक प्रतिदर्श प्रश्न पत्र साझा किया जाएगा जो आपको अपनी कॉपी में स्वयं हल करना होगा।
5. व्याकरण में जितने भी विषय सिखाए गए हैं, उनका अभ्यास करें विद्यालय आने पर परीक्षा ली जाएगी।
6. अब तक कराए गए समस्त कार्य को पूर्ण करके अपनी कॉपी की जांच स्वयं करें तथा अपनी मात्राओं की त्रुटियों को ढूंढने का प्रयास करें और सुधार करें।

आप सभी स्वस्थ रहें , खुश रहें , सीखते रहें , परेंट्स की सहायता करते रहें ।

बहुत-बहुत आशीर्वाद बेटा ।

कक्षा – दसवीं (हिंदी)

1. पाठ्यपुस्तक क्षितिज, कृतिका के किसी एक पाठ या अध्याय में दिए गए व्याकरण के किसी एक विषय पर आधारित चार्ट या मॉडल तैयार करें।
2. पढ़ाए गए सभी पाठों को दोहराएं, प्रश्न उत्तर याद करें विद्यालय आने पर परीक्षा ली जाएगी।
3. पद परिचय, वाच्य, अलंकार, रचना के आधार पर वाक्य भेद आदि सभी व्याकरण कक्षा में सिखा दिए गए हैं अतः आप समयानुसार सभी विषयों का अभ्यास करते रहें विद्यालय आने पर परीक्षा ली जाएगी।
4. कक्षा समूह में सीबीएसई आधारित एक प्रतिदर्श प्रश्न पत्र साझा किया जाएगा, जो आपको अपनी कॉपी में स्वयं हल करना होगा।
5. रस के कितने प्रकार हैं? प्रत्येक रस का एक उदाहरण लिखिए।
6. आप ग्रीन वेल अपार्टमेंट, द्वारका में रहते हैं। आपके इलाके में एक सीवर टूट गया है जिसके कारण नाले का गंदा पानी सड़क पर आ गया है। जिससे गंदगी फैल रही है, सीवर की मरम्मत करवाने हेतु निगम अधिकारी को as84486464@gmail.com पर ईमेल लिखिये।

7. अब तक कराए गए समस्त कार्य को पूर्ण करके अपनी कॉपी की जांच स्वयं करें तथा अपनी मात्राओं की त्रुटियों को ढूंढने का प्रयास करें और सुधार करें।

● सभी कार्य हिन्दी की कॉपी में ही करना अनिवार्य है कोई अन्य नोटबुक का प्रयोग नहीं करेंगे।

● आगामी मासिक परीक्षा एवं प्री बोर्ड परीक्षा की तैयारी करें।

आप सभी स्वस्थ रहें , खुश रहें , सीखते रहें , पेरेन्ट्स की सहायता करते रहें ।

बहुत-बहुत आशीर्वाद बेटा ।

कक्षा – ग्यारहवीं (हिंदी)

1. पाठ्यपुस्तक आरोह, वितान या अभिव्यक्ति और माध्यम के किसी एक पाठ में दिए गए किसी एक विषय पर आधारित चार्ट या मॉडल तैयार करें।

2. पढ़ाए गए सभी पाठों को दोहराएं, प्रश्न उत्तर याद करें विद्यालय आने पर परीक्षा ली जाएगी।

3. अपनी किसी यात्रा का वर्णन लगभग 200 शब्दों में लिखिए।

4. साक्षात्कर गद्य विधा की एक प्रमुख विधा है। आप भी किसी सफल व्यक्ति/ परिजन का साक्षात्कार करें और लिखें।

5. भारत के विकास को लेकर आप क्या सपने देखते हो अनुच्छेद लिखें।

6. घर से अलग होकर आप घर को किस प्रकार याद करते हो? अपने विचार 200 लिखें।

7. अब तक कराए गए समस्त कार्य को पूर्ण करके अपनी कॉपी की जांच स्वयं करें तथा अपनी मात्राओं की त्रुटियों को ढूंढने का प्रयास करें और सुधार करें।

*सभी कार्य हिन्दी की कॉपी में ही करना अनिवार्य है कोई अन्य नोटबुक का प्रयोग नहीं करेंगे।

आगामी परीक्षा की तैयारी करें।

आप सभी स्वस्थ रहें , खुश रहें , सीखते रहें , पेरेन्ट्स की सहायता करते रहें ।

बहुत-बहुत आशीर्वाद

कक्षा – बारहवीं (हिंदी)

1. पाठ्यपुस्तक आरोह, वितान या अभिव्यक्ति और माध्यम के किसी एक पाठ में दिए गए किसी एक विषय पर आधारित चार्ट या मॉडल तैयार करें।
2. अपनी पुस्तक के किसी एक पाठ को संवाद शैली नाटक, कहानी में बदल कर लिखिए।

*उदाहरण के लिए समूह में साझा किया जाएगा।

3. पढ़ाए गए सभी पाठों को दोहराएं, प्रश्न उत्तर याद करें विद्यालय आने पर परीक्षा ली जाएगी।
4. अपनी किसी यात्रा का वर्णन लगभग 200 शब्दों में लिखिए।
5. साक्षात्कर गद्य विधा की एक प्रमुख विधा है। आप भी किसी सफल व्यक्ति/ परिजन का साक्षात्कार करें और लिखें।
6. अब तक कराए गए समस्त कार्य को पूर्ण करके अपनी कॉपी की जांच स्वयं करें तथा अपनी मात्राओं की त्रुटियों को ढूंढने का प्रयास करें और सुधार करें।
7. निम्न विषयों पर रचनात्मक लेख लिखें
 - जल बिन सब सून
 - घर का कोना
 - एक कामकाजी महिला की शाम
 - बरसात का एक दिन

*सभी कार्य हिन्दी की कॉपी में ही करना अनिवार्य है कोई अन्य नोटबुक का प्रयोग नहीं करेंगे।

आगामी मासिक परीक्षा एवं प्री बोर्ड की तैयारी करें।

आप सभी स्वस्थ रहें , खुश रहें , सीखते रहें , पेरेण्ट्स की सहायता करते रहें ।

बहुत-बहुत आशीर्वाद
विषयाध्यापक :— शाहिदा बानु
स्नातकोत्तर शिक्षक हिंदी

ENGLISH—CLASS—IX

1. Write a short story in 200 – 250 words, with the help of the cues given below. Give a suitable title to the story. Going to Mumbai by train to attend the marriage of a friend got stuck in a traffic jam reached the railway station late boarded a wrong train realised after two hours now you
2. Write a short story in 200 – 250 words, with the help of the cues given below. Give a suitable title to the story. Satish was standing on the balcony watching the last rays of the Sun. Loud and angry voices in the street below distracted his attention. He ran down the stairs to see what had happened
3. Write a story in 150–200 words with the help of the following outline. Give it a suitable title also. Bunya was a foolish boy, who was an attention seeker. He was a woodcutter and would go deep into the jungle to cut trees. One day he wanted to do an act of mischief. He shouted at the top of his voice, “There’s a tiger, tiger, there’s a tiger”
4. Write summary of The Snake and The Mirror.
5. Make a project on Your Favourite Chapter.

Front page: name of school, class, section, subject, project name, student details

Acknowledgment: 100 words

Short summary of the chapter: 300 words

Genre of the text: 100 words

Lesson you got from the chapter: 200 words

Why is the text your favourite: 300 words

Conclusion: 100 words

ENGLISH—CLASS—XI

1. Draft a notice in not more than 50-words for your school notice board, informing the students about the sale of old sports goods of your school. You are Rohini/Rohan the secretary of the sports club of Alka Public School, Indira Nagar Faridabad.

2. Secretary of the Activity Club of your school, draft a notice for the school noticeboard, informing students of the Inter-class Quiz contest being organised by the school. You are Nafisa/Pankaj. [Word limit: 50]

3. The increasing amount of time spent playing indoor games has been a major cause of decreasing the outdoor appearance of children. With this concern, write a speech

to be delivered in the morning assembly in 150-200 words. You are Parag/Pragati.

4. You are Ankit/Ankita. You have to deliver a speech on the topic "Education Gives One Power". You have jotted down the following notes: Education trains mind—sharpens skill and abilities—Education: a source of power— improve self—be independent—earn money—ignorance to knowledge—removes superstition—develops a free spirit—important for women: gives them freedom from social ills—independent—responsible. Write your speech in 150-200 words.

5. Write the summary of "The Adventure".

6. Write the summary of "Mother's Day".

CLASS:XII

SUBJECT : ENGLISH

ENGLISH
Holiday Homework

Day1:

You are the Secretary of the English Literary Association of Tagore Memorial School, Patna. Write out a notice for noticeboard, inviting names of those who would like to participate in the proposed inter–house debate, oratorical and elocution contest.

Day 2:

You are Rahul /Rashmi. As President of the Literary Club of your school; you have organised an inter–school debate competition on the occasion of the Silver Jubilee celebrations of your school. Write a notice in about 50 words, informing the students of your school about the competition.

Day 3:

You were invited by a friend of yours to spend some days at his farmhouse in Manali during the summer vacation. Respond to his invitation.

Day 4:

Write an informal reply to your pen–friend in the U.K assuring her of all help and guidance during her planned forthcoming visit to India

Day 5:

You are Anand/Anandi of Mumbai. You are upset to find that the only public garden of your

locality has been grabbed by the local self–styled ‘Netas’. Write a letter to the Editor of The Hindu drawing the attention of the government to this unauthorised occupation. (‘Word limit: 150 words)

Day 6:

Write the summary of the story The Enemy.

Day 7:

Go through the stories Indigo and Poets and Pancakes. Write brief summary of both the lessons.

Day 8:

You are Ankit/Amrita, staying at 4 Pycrofts Road, Chennai. You have come across an advertisement in The Times of India for recruitment of computer engineer trainees by Shivam Software. Apply in response to this advertisement, giving your detailed bio-data (curriculum vitae). Invent all necessary details.

Day 9:

You are Karthik/Krithika of Chennai. Of late, chain-snatching incidents are increasing in the city. Write a letter to the Editor of The New Indian Express Drawing the attention of the concerned authorities. Also give suggestions.

Day 10:

You are the Director of Apex Orientations, a leading name in postal coaching for competitive

examinations including IIT-JEE and CBSE-PMT. Write letters to the principals of some prestigious schools inviting the names of two brilliant students from each institution to attend their Counselling Session free of cost.

CLASS X

SUBJECT: MATHS

Q1. Show that $\sqrt{2}$ is irrational Provided $\sqrt{2}$ is an irrational number.

Q2. . If α and β are zeroes of $x^2 - 5x + 6$, then find the value of $\frac{1}{\alpha} + \frac{1}{\beta}$

Q3. Find roots of

Q4. If α and β are zeroes of , then find the value of

Q5. Find the zeros of polynomial and verify the relationship between zeroes and coefficient

.

Q6. Solve the following pair of equations graphically: $2x+3y =12$ and $x-y-1=0$.

Shade the region between the two lines represented by the above equations and the X- axis.

Q7. Solve the value of x and y -
and

Q8. A journey of 192 km from a town A to B, an ordinary passenger takes 2 hours more than a super-fast train. If the speed of the faster train is 16 km/hr more ,find the speeds of the faster and the passenger train.

Q9. In an AP , If the sum of the first n term is given by . Find the term.

Q10. In an AP : , 125, find d and .

Q11. State and prove basic proportionality theorem (BPT).

Q12. The diagonals of a quadrilateral ABCD intersect each other at a point O such that

. Show that ABCD is a trapezium .

Q13. Find the term of the AP : $a, 3a, 5a, \dots$.

Q14. Find the sum of the first five multiples of 5 .

Q15. Show that the sum of first n odd natural numbers is .

Q16. If n th term of AP is q and m th term of AP is p , then prove that its $(m+n)$ th term is $p+q$.

Q17. If the point $P(6, 2)$ divides the line segment joining $A(6, 5)$ and $B(4, y)$ in the ratio $3:1$ then find the value of y .

Q18. If $P(a, 4)$ is the mid-point of the line segment joining the points $Q(-6, 5)$ and $R(-2, 3)$, then the value of a .

Q19. If the 2nd term of an AP is 13 and 5th term is 25, what is its 7th term?

Question 20 to 39 are given in the image below.

20.

Solve for x (in terms of a and b):

$$\frac{a}{x-b} + \frac{b}{x-a} = 2, x \neq a, b \quad (\text{Foreign 2016})$$

21. Solve the following quadratic equation for x :

$$4x^2 - 4a^2x + (a - b) = 0 \quad (\text{Delhi 2015})$$

22. Solve the following quadratic equation for x :

$$9x^2 - 6b^2x - (a - b) = 0 \quad (\text{Delhi 2015})$$

23. Solve the following quadratic equation for x :

$$4x^2 + 4bx - (a^2 - b^2) = 0 \quad (\text{AI 2015})$$

24. Solve for x :

$$x^2 - (\sqrt{3} + 1)x + \sqrt{3} = 0 \quad (\text{Foreign 2015})$$

25. Solve the quadratic equation $2x^2 + ax - a^2 = 0$ for x . (Delhi 2014) (Ev)

SA II (3 marks)

26. Sum of the areas of two squares is 157 m^2 . If the sum of their perimeters is 68 m , find the sides of the two squares. (2019)

27. A plane left 30 minutes later than its scheduled time and in order to reach the destination 1500 km away in time, it had to increase its speed by 100 km/h from the usual speed. Find its usual speed. (2018)

28. Solve for x :

$$\frac{2x}{x-3} + \frac{1}{2x+3} + \frac{3x+9}{(x-3)(2x+3)} = 0, x \neq 3, -3/2 \quad (\text{Delhi 2016})$$

29. Solve the following quadratic equation for x :

$$x^2 + \left(\frac{a}{a+b} + \frac{a+b}{a} \right) x + 1 = 0 \quad (\text{Delhi 2016})$$

30. Solve for x :

$$\frac{1}{(x-1)(x-2)} + \frac{1}{(x-2)(x-3)} = \frac{2}{3}, x \neq 1, 2, 3 \quad (\text{AI 2016})$$

31. Three consecutive natural numbers are such that the square of the middle number exceeds the difference of the squares of the other two by 60. Find the numbers. (AI 2016)

32.

$$\text{Solve for } x: \frac{1}{x} + \frac{2}{2x-3} = \frac{1}{x-2}, x \neq 0, \frac{3}{2}, 2.$$

(Foreign 2016)

33. Solve for x:

$$2x^2 + 6\sqrt{3x-6} = 0 \text{ (AI 2015)}$$

34. Solve for x:

$$x^2 + 5x - (a^2 + a - 6) = 0 \text{ (Foreign 2015)}$$

35. Solve the equation

$$\frac{4}{x} - 3 = \frac{5}{2x+3}; x \neq 0, -\frac{3}{2}, \text{ for } x. \quad (\text{Delhi 2014})$$

36.

$$\text{Solve the equation } \frac{3}{x+1} - \frac{1}{2} = \frac{2}{3x-1}; x \neq -1, x \neq \frac{1}{3}, \text{ for } x.$$

(Delhi 2014)

37. Solve the equation

$$\frac{14}{x+3} - 1 = \frac{5}{x+1}; x \neq -3, -1, \text{ for } x. \quad (\text{Delhi 2014})$$

38. Solve for x:

$$\frac{16}{x} - 1 = \frac{15}{x+1}; x \neq 0, -1 \quad (\text{AI 2014})$$

LA (4/5/6 marks)

39. In the picture given below, one can see a rectangular in-ground swimming pool installed by a family in their backyard. There is a concrete sidewalk around the pool of width x m. The outside edges of the sidewalk measure 7 m and 12 m. The area of the pool is 36 sq.m.

CLASS-XI
SUBJECT-MATHEMATICS

Q1. A set can be represented in

- (a) 1 ways (b) 2 ways (c) 3 ways (d) Many ways

Q2. The cardinal number of the set of letters of the word mathematics is -

- (a) 8 (b) 9 (c) 10 (d) 11

Q3. For any set A, $A \cup A = A$. this is

- (a) law of U (b) law of identity element (c) Idempotent law (d) Commutative law

Q4 For two different non empty set A and B the cartesian product is

- (a) $A \times B = B \times A$ (b) $A \times B \neq B \times A$ (c) $A \times B = \emptyset = B \times A$
(d) None of these

Q5. If $n(A \times B) = 12$, then $n(B)$ can not be

- (a) 1 (b) 2 (c) 5 (d) 6

Q6 If $n(A) = 3$, $n(B) = 2$, then number of non- empty relations from set A to set B are -

- (a) 8 (b) 4 (c) 64 (d) 63

Q7. If set $A = \{\emptyset\}$ then cardinality of $P(P(P(A)))$ is

- (a) 0 (b) 16 (c) 4 (d) none of these

Q8. Set of all real number between 2 and 7 but not 5 can be expressed as -

- (a) $(2,7) - 5$ (b) $(2,7) - \{5\}$ (c) $[2,5] - 5$ (d) $[2,5] - \{5\}$

Q9. The cardinality of the power set of $\{x: x \in \mathbb{N}, x < 10\}$.

- (a) 1024 (b) 1023 (c) 2048 (d) 2043

Q10. For which value of x , $\tan(x)$ is not defined -

(b) Assertion is correct, reason is correct; reason is not a correct explanation for assertion

(c) Assertion is correct, reason is incorrect

(d) Assertion is incorrect, reason is correct.

Q16. Assertion- Reason based question :

Assertion : In a set of prime numbers any two prime elements are co-prime..

Reason : HCF of any two prime numbers is 1.

Q17. Write down the subset of set $A = \{1, 2, \varnothing\}$.

Q18. 'Equivalent set are equal sets'. Is the statement true ? What about converse?

Q19. Write the set $\{x \in \mathbb{R} : -6 < x \leq 6\}$ as an interval.

Q20. Let $R: A \rightarrow B$, where $A = \{3, 5\}$ and $B = \{7, 11\}$ and write $R = \{(a, b) \in A \times B : a - b \text{ is an odd number}\}$ write the relation R .

Q21. If $X = \{1, 2, 3\}$, if n represents any members of X, Write the following sets containing all numbers represented by

(i) (ii) (iii)

Q22. Draw the venn diagram of following set for universal set U

(i) $(A \cap B') \cup (A \cap B \cap C)$

(ii) $(A \cap B') \cup (B \cap C)$

Q23. Given set $A = \{1,2,3,4\}$ and $B = \{4,5,6,7\}$. Write the relation R from set A to the set B defined by $R = \{(a,b) \in A \times B : a + b = 7\}$. Represent the relation using an arrow diagram .

Q24. Let $A = \{1,2,3,\dots,20\}$. Define a relation R from A to A by -

$R = \{(a,b) : a - 2b = 0, a,b \in A\}$. Depict the domain and range of the function.

Q25. In a group of 70 people, 37 like coffee, 52 like tea and each person likes at least one of the two drinks .How many like both coffee and tea?

Q26. Define the complement of the set . If $U = \{1,2,3,4,5,6,7,8,9\}$, $A = \{2,4,6,8\}$, $B = \{2,3,5,7\}$ and $C = \{1,2\}$ verify that

(i) $(A \cup B)' = A' \cap B'$. (ii) $(A \cap B)' = A' \cup B'$.

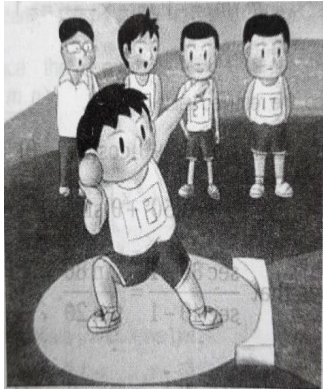
Q27. After explaining the operation on sets , the mathematics teacher in class wrote the sets as $U = \{1,2,3,4,5,6,7,8,9,10\}$, $A = \{2,3,4,5\}$, $B = \{6,7,8\}$, and $C = \{x: x \text{ is prime number less than } 10\}$. She asked the student that the following questions will judge how much you have understood . She asked the students to write down the answers and later they can check from the answers written by the teacher and give marks.

(i) $A' \cup B'$ (ii) Find $(A \cup B)'$ (iii) find $(C - B) \cup A$ OR (iii) $(A - B)' \cup A$

(Case study Based question)

Five students Ajay, Shyam, Rahul , Ravi and Rashid are sitting in a playground in a line.

Based on the above information answer the following -



Q28. Find the total number of ways of seating arrangement of five students .

Q29. Find the total number of arrangements of sitting if Ajay and Ravi sit together.

Q30. Find the total number arrangement “ Yojana and Rahul ” sitting at extreme positions .

Q31..Find the total number of arrangements if Shyam is sitting in the middle .

Q32. Find the number total number of arrangement sitting Ravi and Rahul not sit together

Q33.Evaluate .

Q34. Find the domain of $f(x) =$.

Q35. Find the ratio of the coefficient of x^{15} to the term independent of x in $(+)^{15}$.

Q36. If is defined as $f(x) = 2x^2 - 1$, find the preimage of 17 , 4 and - 2 .

Q37. There are 10 lamps in a hall . Each one of them can be switched on

independently Find the number of ways in which the hall can be illuminated .

Q38. A solution is to be kept between and . What is the range of temperature in degree fahrenheit , If the conversion formula is ?

Q39. Given 5 flags of different colours here many different signals can be generated if each signal requires the use of 2 flags. One below the other

Q40. How many words, with or without meaning each of 2 vowels and 3 consonants can be formed from the letters of the word DAUGHTER?

Class XII

SUBJECT: MATHEMATICS

CHAPTER: RELATION AND FUNCTION

LA I (4 marks)

16. Show that the relation R in the set $A = \{1, 2, 3, 4, 5, 6\}$ given by $R = \{(a, b) : |a - b| \text{ is divisible by } 2\}$ is an equivalence relation. (2020)
17. Check whether the relation R defined on the set $A = \{1, 2, 3, 4, 5, 6\}$ as $R = \{(a, b) : b = a + 1\}$ is reflexive, symmetric or transitive. (2019)
18. Show that the relation R on the set Z of all integers, given by $R = \{(a, b) : 2 \text{ divides } (a - b)\}$ is an equivalence relation. (2019)
19. Show that the relation R on \mathbb{R} defined as $R = \{(a, b) : a \leq b\}$, is reflexive and transitive but not symmetric. (NCERT, Delhi 2019)
20. Show that the relation S in the set $A = \{x \in Z : 0 \leq x \leq 12\}$ given by $S = \{(a, b) : a, b \in Z, |a - b| \text{ is divisible by } 3\}$ is an equivalence relation. (AI 2019) (Ap)
21. Let $A = \{1, 2, 3, \dots, 9\}$ and R be the relation in $A \times A$ defined by $(a, b) R (c, d)$ if $a + d = b + c$ for $(a, b), (c, d)$ in $A \times A$. Prove that R is an equivalence relation. Also obtain the equivalence class $[(2, 5)]$. (Delhi 2014)
22. Let R be a relation defined on the set of natural numbers N as follows:
 $R = \{(x, y) \mid x \in N, y \in N \text{ and } 2x + y = 24\}$
Find the domain and range of the relation R .
Also, find if R is an equivalence relation or not. (Delhi 2014 C) (An)

CHAPTER : MATRIX

QUESTION 23 TO 38

23. Solve the following matrix equation for x :

$$[x \ 1] \begin{bmatrix} 1 & 0 \\ -2 & 0 \end{bmatrix} = O \quad (\text{Delhi 2014})$$

24. If $2 \begin{bmatrix} 3 & 4 \\ 5 & x \end{bmatrix} + \begin{bmatrix} 1 & y \\ 0 & 1 \end{bmatrix} = \begin{bmatrix} 7 & 0 \\ 10 & 5 \end{bmatrix}$, find $(x - y)$.
(Delhi 2014)

25. If A is a square matrix such that $A^2 = A$, then write the value of $7A - (I + A)^3$, where I is an identity matrix.
(AI 2014) (Ev)

26. If $(2x \ 4) \begin{pmatrix} x \\ -8 \end{pmatrix} = O$, find the positive value of x .
(AI 2014C)

SA I (2 mark)

27. If $A = \begin{bmatrix} -3 & 2 \\ 1 & -1 \end{bmatrix}$ and $I = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$, find scalar k so that $A^2 + I = kA$.
(2020)

28. For what value of x is $\begin{bmatrix} 1 & 2 & 0 \\ 2 & 0 & 1 \\ 1 & 0 & 2 \end{bmatrix} \begin{bmatrix} 0 \\ 2 \\ x \end{bmatrix} = O$?
(2020) (Ev)

29. Find a matrix A such that $2A - 3B + 5C = O$, where $B = \begin{bmatrix} -2 & 2 & 0 \\ 3 & 1 & 4 \end{bmatrix}$ and $C = \begin{bmatrix} 2 & 0 & -2 \\ 7 & 1 & 6 \end{bmatrix}$. (Delhi 2019) (Ev)

SA II (3 mark)

30. If $A = \begin{bmatrix} 1 & 2 & 3 \\ 3 & -2 & 1 \\ 4 & 2 & 1 \end{bmatrix}$, then show that $A^3 - 23A - 40I = O$.
(2023)

LA I (4 marks)

31. Let $A = \begin{pmatrix} 2 & -1 \\ 3 & 4 \end{pmatrix}$, $B = \begin{pmatrix} 5 & 2 \\ 7 & 4 \end{pmatrix}$, $C = \begin{pmatrix} 2 & 5 \\ 3 & 8 \end{pmatrix}$, find a matrix D such that $CD - AB = O$. (Delhi 2017) (An)

32. Find matrix A such that $\begin{bmatrix} 2 & -1 \\ 1 & 0 \\ -3 & 4 \end{bmatrix} A = \begin{bmatrix} -1 & -8 \\ 1 & -2 \\ 9 & 22 \end{bmatrix}$
(AI 2017)

33. If $A = \begin{bmatrix} 2 & 0 & 1 \\ 2 & 1 & 3 \\ 1 & -1 & 0 \end{bmatrix}$, find $A^2 - 5A + 4I$ and hence find a matrix X such that $A^2 - 5A + 4I + X = O$ (Delhi 2015) (An)

34. Three schools A, B and C organized a mela for collecting funds for helping the rehabilitation of flood victims. They sold hand made fans, mats and plates from recycled material at a cost of ₹ 25, ₹ 100 and ₹ 50 each. The number of articles sold are given below.

| Article/School | A | B | C |
|----------------|----|----|----|
| Hand-fans | 40 | 25 | 35 |
| Mats | 50 | 40 | 50 |
| Plates | 20 | 30 | 40 |

Find the funds collected by each school separately by selling the above articles. Also, find the total funds collected for the purpose.

Write one value generated by the above situation.
(Delhi 2015)

35. To promote the making of toilets for women, an organisation tried to generate awareness through (i) house calls (ii) letters and (iii) announcements. The cost for each mode per attempt is given below:
(i) ₹ 50 (ii) ₹ 20 (iii) ₹ 40

The number of attempts made in three villages X, Y and Z are given below:

| | (i) | (ii) | (iii) |
|---|-----|------|-------|
| X | 400 | 300 | 100 |
| Y | 300 | 250 | 75 |
| Z | 500 | 400 | 150 |

Find the total cost incurred by the organisation for the three villages separately, using matrices. Write one value generated by the organisation in the society.
(AI 2015) (Ev)

36. If $A = \begin{bmatrix} 1 & -1 \\ 2 & -1 \end{bmatrix}$ and $B = \begin{bmatrix} a & 1 \\ b & -1 \end{bmatrix}$ and $(A + B)^2 = A^2 + B^2$, then find the values of a and b . (Foreign 2015)

37. In a parliament election, a political party hired a public relations firm to promote its candidates in three ways-telephone, house calls and letters. The cost per contact (in paise) is given in matrix A as

$$A = \begin{bmatrix} 140 & \text{Telephone} \\ 200 & \text{House call} \\ 150 & \text{Letters} \end{bmatrix}$$

The number of contacts of each type made in two cities X and Y is given in matrix B as

$$B = \begin{bmatrix} 1000 & 500 & 5000 \\ 3000 & 1000 & 10000 \end{bmatrix} \begin{matrix} \text{City X} \\ \text{City Y} \end{matrix}$$

Find the total amount spent by the party in the two cities. What should one consider before casting his/her vote-party's promotional activity or their social activities?
(Foreign 2015)

38. If $[2x \ 3] \begin{bmatrix} 1 & 2 \\ -3 & 0 \end{bmatrix} \begin{bmatrix} x \\ 3 \end{bmatrix} = O$, find x . (Delhi 2015C)

39. A trust fund, ₹ 35,000 is to be invested in two different types of bonds. The first bond pays 8% interest per annum which will be given to

CHAPTER : DERIVATIVE (ALL QUESTION)

61. Differentiate $\tan^{-1} \left[\frac{\sqrt{1+x^2} - \sqrt{1-x^2}}{\sqrt{1+x^2} + \sqrt{1-x^2}} \right]$ with respect to $\cos^{-1}x^2$. (AI 2019) (Ev)

62. If $x = a(2\theta - \sin 2\theta)$ and $y = a(1 - \cos 2\theta)$, find $\frac{dy}{dx}$ when $\theta = \frac{\pi}{3}$. (2018) (Ev)

63. If $x = a \sin 2t(1 + \cos 2t)$ and $y = b \cos 2t(1 - \cos 2t)$, find the values of $\frac{dy}{dx}$ at $t = \frac{\pi}{4}$ and $t = \frac{\pi}{3}$. (Delhi 2016, AI 2016) (Ap)

OR

If $x = a \sin 2t(1 + \cos 2t)$ and $y = b \cos 2t(1 - \cos 2t)$, show that at $t = \frac{\pi}{4}$, $\left(\frac{dy}{dx}\right) = \frac{b}{a}$.

(NCERT Exemplar, AI 2014) (Ev)

64. Differentiate

$\tan^{-1} \left(\frac{\sqrt{1+x^2} - 1}{x} \right)$ w.r.t. $\sin^{-1} \frac{2x}{1+x^2}$, if $x \in (-1, 1)$

(Foreign 2016, Delhi 2014) (Ev)

65. If $x = ae^t(\sin t + \cos t)$ and $y = ae^t(\sin t - \cos t)$, prove that $\frac{dy}{dx} = \frac{x+y}{x-y}$. (AI 2015C) (Ap)

66. Differentiate $\tan^{-1} \left(\frac{\sqrt{1-x^2}}{x} \right)$ with respect to $\cos^{-1}(2x\sqrt{1-x^2})$, when $x \neq 0$. (Delhi 2014)

67. Differentiate $\tan^{-1} \left(\frac{x}{\sqrt{1-x^2}} \right)$ with respect to $\sin^{-1}(2x\sqrt{1-x^2})$. (Delhi 2014)

CHAPTER: VECTOR ALGEBRA (ALL QUESTION)

is

37. Find the projection of the vector $\vec{a} = 2\hat{i} + 3\hat{j} + 2\hat{k}$ on the vector $\vec{b} = 2\hat{i} + 2\hat{j} + \hat{k}$. (AI 2015C)

An

38. Find the projection of vector $\hat{i} + 3\hat{j} + 7\hat{k}$ on the vector $2\hat{i} - 3\hat{j} + 6\hat{k}$. (Delhi 2014) (U)

lly

39. If \vec{a} and \vec{b} are two unit vectors such that $\vec{a} + \vec{b}$ is also a unit vector, then find the angle between \vec{a} and \vec{b} . (Delhi 2014) (Ap)

40. If vectors \vec{a} and \vec{b} are such that, $|\vec{a}| = 3, |\vec{b}| = \frac{2}{3}$ and $\vec{a} \times \vec{b}$ is a unit vector, then write the angle between \vec{a} and \vec{b} . (Delhi 2014) (Cr)

41. If \vec{a} and \vec{b} are perpendicular vectors, $|\vec{a} + \vec{b}| = 13$ and $|\vec{a}| = 5$, find the value of $|\vec{b}|$. (AI 2014) (An)

42. Write the projection of the vector $\hat{i} + \hat{j} + \hat{k}$ along the vector \hat{j} . (Foreign 2014)

43. Write the value of $\hat{i} \times (\hat{j} + \hat{k}) + \hat{j} \times (\hat{k} + \hat{i}) + \hat{k} \times (\hat{i} + \hat{j})$. (Foreign 2014)

44. Write the projection of the vector $\vec{a} = 2\hat{i} - \hat{j} + \hat{k}$ on the vector $\vec{b} = \hat{i} + 2\hat{j} + 2\hat{k}$. (Delhi 2014C) (Ap)

45. If \vec{a} and \vec{b} are unit vectors, then find the angle between \vec{a} and \vec{b} , given that $(\sqrt{3}\vec{a} - \vec{b})$ is a unit vector. (Delhi 2014C)

46. Write the value of cosine of the angle which the vector $\vec{a} = \hat{i} + \hat{j} + \hat{k}$ makes with y-axis. (Delhi 2014C) (Ap)

47. If $|\vec{a}| = 8, |\vec{b}| = 3$ and $|\vec{a} \times \vec{b}| = 12$, find the angle between \vec{a} and \vec{b} . (AI 2014C)

48. Find the angle between x-axis and the vector $\hat{i} + \hat{j} + \hat{k}$. (AI 2014C) (Cr)

SUBJECT: SOCIAL SCIENCE
CLASS - IX

1. Write note on any four points given below (about 120 words each)

- a. Poverty in India
- b. Elections in India
- c. Factors which led to the enclosures in England
- d. Tropical Evergreen and Deciduous forests
- e. Advantages of having healthy population

2. Map pointing

Label the following on outline map of India

- i. National Parks - Manas, Kaziranga, Simlipal, Bandipur, Rajaji, Dachigam, Dudhwa, Corbett, Gir, Kanha, Keoladeo (Ghana)
- ii. Wildlife Sanctuary - Periyar, Kawal, Sariska, Chandraprabha

CLASS - X

1. Write note on any three points given below (about 120 words each)

- a. Bright future of Solar Energy in India
- b. Industrial Pollution and steps to be taken to minimize it
- c. Role of banks in Indian Economy
- d. Mahatma Gandhi and Non co-operation movement

2. Map pointing

Label the following on outline map of India

- 1. Coal mines - Raniganj, Bokaro, Korba, Singrauli, Singareni, Neyveli, Jharia
- 2. Oil fields - Digboi, Ankaleshwar, Mumbai high,
- 3. Nuclear Power plants - Tarapur, Kakrapar, Rawat Bhata, Naraura, Kalpakkam, Kaiga.

PM SHRI KENDRIYA VIDYALAYPASIGHAT
AUTUMN BREAK HOMEWORK
ACADEMIC SESSION - 2024-25
SUBJECT – Business Studies
CLASS - XI

Time: 3 Hour

Max. Marks: 80

General Instructions:

- i. This question paper consists of 34 questions in 5 sections.*
- ii. All questions are compulsory.*

| Section – A (20 marks) | | |
|---|--|--------------|
| Q. Nos. | Questions | Marks |
| 1. | Which of the following is not applicable in life insurance contract? a. Conditional Contract b. Flexibility c. Indemnity Contract d. None of the above | 1 |
| 2. | A person who allows the use of his name by a firm, but does not contribute to its capital is called_____ a) Dormant partner b) sleeping partner c) Active partner d) Nominal Partner | 1 |
| 3. | Which of the following is not a demerit of a government company? 1. Government control 2. Evades constitutional responsibility 3. Limited freedom 4. Separate legal entity | 1 |
| 4. | The primary objective of insurance is A. Risk Management B. Capital Management C. Financial Management D. Investment Planning | 1 |
| 5. | Among the following given activities, which one is not an economic activity: a) Trading in goods and services b) Social welfare c) Manufacturing of goods for sale d) Transportation services | 1 |
| 6. | The concept of separate legal existence applies to: 1. sole proprietorship 2. partnership 3. joint stock company 4. cooperative societies choose the correct option a. 1 & 2 b. 2 & 3 c. 2 & 4 d. 3 & 4 | 1 |
| 7. | Which of the following is an example of Departmental undertakings? a) Air India b) Post and Telegraph Department c) Doordarshan d) Railway i. Only a ii. Only a & b iii. Only b & d iv. All of these | 1 |

| | | | |
|----|--|---------------------------------------|---|
| 8. | Which of the following services of bank permits withdrawal of money more than the balance in the account? A. Bank Draft C. Overdraft | B. Banker's Check D. Fixed Deposit | 1 |
| 9. | Which of the following cooperative society is established to help small producers in selling their products? | | 1 |

| | | | |
|--|---|--|--|
| | A. Marketing Cooperative Society B. Producers Cooperative Society C. Credit Cooperative Society D. Consumers Cooperative Society | | |
|--|---|--|--|

| | | | |
|-----|--|---|---|
| 10. | Find the odd one. A. statutory corporation C. Departmental undertaking | B. Government company D. Joint venture | 1 |
|-----|--|---|---|

| | | | |
|-----|--|--|---|
| 11. | Your father has an old scooter and you want to replace it with a new scooter. Your father is not ready to sell old scooter because he thinks he will not get good price for his old scooter and he cannot afford a new scooter. You find a buyer for your scooter at OLX who was ready to buy your scooter at a very good price and you finally sold off your old scooter. Which type of e-commerce did you use? A. B2B B. C2C C. B2C D. None of these | | 1 |
|-----|--|--|---|

| | | | |
|-----|---|--|---|
| 12. | Assertion (A): Statutory Corporation is a separate body corporate. Reason (R): It has the capacity of acting on its own i.e, can sue and be sued, enter into a contract, and acquire property in its own name. a) Both A and R are true and R is the correct explanation of A. b) Both A and R are true but R is not the correct explanation of A. c) A is true but R is false. d) A is false but R is true. | | 1 |
|-----|---|--|---|

| | | | |
|--|---|-------------------|---|
| 13. | Match the items in column 1 with column 2. | | 1 |
| | Column 1 | Column 2 | |
| | I. dishonesty, carelessness or negligence of employees, stoppage of work due to power failure, strikes, riots, management, inefficiency, etc. | a. Natural Causes | |
| | II. Uncertainty is relating to demand for goods, competition, price, collection of dues from customers, change of technology or method of production etc. | b. Human Causes | |
| III. Losses due to flood, earthquake, lightning, heavy rains, famine, etc. | c. Economic Causes | | |

| | | | |
|-----|---|--|---|
| 14. | A company has undertaken a fire insurance policy for Rs. 5 lakhs. After two months due to fire, it incurred a loss of Rs. 2 lakhs. How much amount will the company get as compensation? Also, identify the principle followed. | | 1 |
|-----|---|--|---|

| | | | |
|-----|--|---------------------------------------|---|
| 15. | We can reach large number of customers in A. Traditional Business C. Both A and B | B. E-Business D. None of the above | 1 |
| 16. | An American firm Zephyr Enterprise purchased handmade decorative pieces from India, repackaged and sold them in its own name to Germany. The above transactions represent: a. Entrepot for Zephyr Enterprise, Exports for India and Import for Germany, b. Export for Zephyr Enterprise, import for India and Entrepot for Germany, c. Import for Zephyr Enterprises, Entrepot for India and export for Germany d. Export for Zephyr Enterprises, Export for India and Entrepot for Germany, | | 1 |
| 17. | Find the e-business model from the following: | | 1 |

| | | | |
|-----|---|------------------------------------|---|
| | Customers making toll-free calls through call centers to enquire about the product of a company A. C2C C. Intra B | B. B2C D. B2B | |
| 18. | Which among the following is not a feature of business? 1. Production or procurement of goods and services 2. Dealing in goods and services on a regular basis 3. Certainty of return 4. Profit earning | | 1 |
| 19. | Find the odd one with regard to e-business A. Convenience C. Global Access | B. High Speed D. Personal Touch | 1 |
| 20. | The departmental undertakings are accountable to whom? 1. General public 3. Their concerned ministry | 2. RBI 4. All of these | 1 |
| | Section – B (12 marks) | | |
| 21. | Rama Krishana Pvt. Ltd. is a well-known company in its own industry. This company is earning a considerable profit. Inspired by the great profit, both the classes, the proprietors and the Employees, are using their utmost skill. Not only this but both sides are also feeling inspired to do something special. They are making efforts to make good quality products available to the customers at a low price, to pay the shareholders a handsome dividend and the employees reasonable remuneration. The company's foundations have become so strong that there is no doubt about its continuity in the market for a long time. On the other hand, another company of similar industry namely Rama Pvt. Ltd. which is at the point of death, is likely to get closed at any time because of the decline in the profit. i. Which aspect of business has been mentioned in the above paragraph? ii. Quoting the relevant lines, write about the three points of the concerned aspect? | | 3 |

| | | |
|--------------------|--|----------|
| 22. | <p>Distinguish between a partnership and sole proprietorship on the basis of: i. Number of member's ii. Capital contribution iii. Secrecy</p> <p style="text-align: center;">OR</p> <p>Briefly explain the following types of partners: i. Dormant Partner ii. Active Partner iii. Nominal Partner</p> | 3 |
| 23. | What do you mean by the Inconsistency of services? | 3 |
| 24. | <p>Unique Enterprises is dealing in Auto Spare Parts. With the expansion in business, the enterprise found that the decisions are delayed and level of coordination is coming down. The CEO called for a meeting of all the managers. Ravi, a newly appointed manager, suggested that company should have its own internet so that all the employees can interact and pass important information to each other through internet. Even short meetings of different departments can be conducted through video conferencing to take fast action. The CEO liked the idea and installed an internet for connecting all the employees in line.</p> <p>On the basis of the above information, answer the following questions</p> <ol style="list-style-type: none"> 1. Which branch of e-business is suggested by Mr. Ravi? 2. What are the benefits provided by e-business? | 3 |
| Section – C | | |

| | | |
|--------------------|--|----------|
| (24 marks) | | |
| 25. | <p>Distinguish between business and profession on the basis of: (Any 4)</p> <ol style="list-style-type: none"> i. Qualification ii. Mode of the establishment iii. Return iv. Risk v. Code of Conduct. | 4 |
| 26. | <p>Harshit runs a well-known departmental store in Delhi. He procures different kinds of products from all over the country through railways, roadways, and airways. He also owns a godown to hold the stocks. He has also taken an insurance policy worth Rs.10 crores for his business. Moreover, he has taken a loan of Rs. 2, 00,000 from ICICI Bank in order to meet short term financial needs of his business. He has placed information about his store on the hoardings, billboards, etc. in order to popularize them.</p> <p>In the context of the above case answer the following:</p> <ol style="list-style-type: none"> i. What are auxiliaries to trade? ii. Identify the different auxiliaries to trade that are being used by Harshit in his business by quoting lines from the paragraph. | 4 |

| | | |
|-----|---|---|
| 27. | Lalit, Saksham and Mayank are partners in a firm. Lalit and Saksham are very upset due to untimely demise of Mayank and wish to help his family. On the suggestion of their common friend Aditya, Lalit and Saksham decide to include Mayank's 13-year-old son Vaibhav in their business. On this information, answer the following questions. 1. Comment upon the status of Vaibhav as a partner. 2. Will the status of Vaibhav change when he attains majority? | 4 |
| 28. | Mr. Rajeev took an insurance policy for Rs. 5 lakh against his car and after three months he sold it to Mr. Kailash. The car was damaged in an accident. Mr. Rajeev made a claim to insurance company. His claim was rejected on the ground that Mr. Rajeev was no longer owner of the car. So he has no insurable interest and he has no financial loss with the loss of the car. Then Mr. Kailash made a claim to insurance company for Rs. 5 lakhs. On the basis of the above information, answer the following questions. a. what does principle of insurable interest state? b. Was Mr. Rajiv right in making the claim? c. Who should get the compensation? d. Can Mr. Kailash get the claim? | 4 |
| 29. | Parking in central Kolkata, the heart of this mega city, has always been a hassle. This is the case with most of the inner-city areas. In an attempt to address the situation, the Kolkata Municipal Corporation, KMC, decided to utilize the rights to underground space and undertake the parking project with private parties, KMC and Simplex. The purpose of the project was to develop an underground parking system. On the basis of this information, answer the following questions. 1. Name and state the type of enterprise referred to in the above paragraph. 2. State its three features. | 4 |
| 30. | Describe briefly any two applications of E-business. OR E-business can be handled effectively by suitably qualified personnel and a well-designed system. Comment on this statement. | 4 |
| | Section – D (24 marks) | |
| 31. | Read the text carefully and answer the questions: Sejal had recently completed her MBA. Her father, who was the eldest member of his family, wants her to help him in his family business. But she had the opinion that this business form has limited scope for expansion. So, she was thinking of starting a venture | 6 |

| | | |
|-----|---|-------|
| | <p>with a few of her friends. They gathered at Sejal's house to discuss the pros and cons of doing a particular business. One of her friends suggested starting a partnership firm in which each of them contributes and handles a particular area of their expertise. This will lead to good decision-making.</p> <p>But since the personal assets of the partners can be utilised for repayment of the firm's loan in case the assets are insufficient, most of them don't agree. Another friend recommended that they should choose that form of business in which they can have greater funds and scope of expansion and at the same time limited liability. Everyone liked his idea and they finally started their business in the next few months.</p> <p>(a) Which form of business was recommended by Sejal's father? a) Partnership b) Hindu Undivided Family Business c) Sole Proprietorship d) Joint venture</p> <p>(b) Which term is best suited for Sejal's father in the business he was a part of? a) Karta b) Partner c) Owner d) Coparcener</p> <p>(c) Which limitation of the business form has been mentioned in the above para? a) Limited Resources b) Limited managerial skills c) Lack of secrecy d) Unlimited liability</p> <p>(e) Identify one advantage of the partnership firm mentioned in the above para. a) Secrecy b) Balanced decision making c) All of these d) Ease of formation</p> <p>(d) Identify one limitation of partnership firms mentioned in the above para. a) Limited Resources b) Lack of secrecy c) Chances of Conflicts d) Unlimited Liability</p> <p>(f) Which form of business organisation do you think Sejal and her friends started? a) HUF b) Company c) Partnership d) Sole Proprietorship</p> | |
| 32. | Why do we consider business as an economic activity? Are there any differences between traditional business methods and e-business methods? If yes, mention any four points. | 3 + 3 |
| 33. | <p>Bharat Heavy Electricals Limited (BHEL) was founded in the year 1964 by the Government of India. It is the largest power plant equipment manufacturer in the country with 74% market share in the power sector. It has a network of 17 manufacturing units, 2 repair units, 4 regional offices, 8 service centres, 8 overseas offices, 15 regional centres, 7 joint ventures, and infrastructure allowing it to execute more than 150 projects at sites across India and abroad. It has been granted the prestigious Maharatna (big gem) status in the year 2013 by the Government of India for its outstanding performance and vast scale. Maharatna status affords the Boards of these companies enhanced financial and operational autonomy.</p> <p>In the context of the above case:</p> <p>a. How will you classify Bharat Heavy Electricals Limited (BHEL) as a form of public sector enterprise?</p> | 6 |

| | | |
|------------|--|----------|
| | <p>b. State any three features of the form of public sector enterprise as identified in part(a) of the question.</p> <p>c. Explain briefly 'financial and operational autonomy' as a merit of the type of public sector enterprise as identified in part(a) of the question.</p> <p style="text-align: center;">OR</p> <p>Write the features of the departmental undertaking.</p> | |
| 34. | <p>Explain the following: (Any 4) a. Registered Post b. Parcel c. Bank Draft d. Fixed Deposit Account e. Principle of Mitigation f. Principle of Subrogation g. Marine Insurance h. Speed Post</p> | 6 |

PM SHRI KENDRIYA VIDYALAYA PASIGHAT

Autumn break homework-(2024-25)

PROJECT ASSIGNMENT CLASS- XI (ACC)

1. PREPARE ACCOUNTANCY PROJECT BASED ON JOURNAL, LEDGER AND TRIAL BALANCE FROM GIVEN PROJECT STATEMENTS.
2. Use A4 size paper sheets to prepare project with proper formats and headings.
3. Analyse the result of project findings.
4. Use diagram and charts to make project more impressive.

Statement no-1:

JOURNALISE THE FOLLOWING TRANSACTIONS, POST THEM INTO LEDGER AND PREPARE TRIAL BALANCE

| DATE | TRANSACTIONS | AMOUNT (RS.) |
|------------------|---|--------------|
| 2017 APRIL 01 | KAMAL STARTED BUSINESS WITH CASH | 1,00,000 |
| APRIL 02 | BOUGHT GOODS FOR CASH | 30,500 |
| APRIL 03 | OPENED BANK ACCOUNT WITH CASH | 50,000 |
| APRIL 04 | SOLD GOODS FOR CASH | 40,000 |
| APRIL 07 | BOUGHT GOODS FROM SURYA ON CREDIT | 30,000 |
| APRIL 10 | SOLD GOODS TO RAKESH ON CREDIT | 25,000 |
| APRIL 15 | PURCHASED PLANT & MACHINERY SETTLED THE DUES AS FOLLOW: <ul style="list-style-type: none">• GIVING IN EXCHANGE OLD MACHINE OWNED BY KAMAL VALUED AT RS. 10,000• ISSUED CHEQUE FROM HIS SAVINGS ACCOUNT RS. 25,000• BALANCE BY CHEQUE | 50,000 |
| APRIL 19 | PAID TO SURYA IN CASH | 10,000 |
| APRIL 21 | RECEIVED LOAN FROM ANIL AND DEPOSITED THE SAME INTO BANK | 8,000 |
| APRIL 23 | GOODS RETURNED TO SURYA | 1,000 |
| APRIL 26 | WITHDREW FROM BANK FOR PERSONAL USE | 5,000 |
| APRIL 27 | PAID TO SURYA BY CHEQUE | 8,000 |
| APRIL 29 | RECEIVED CASH FROM RAKESH | 10,000 |
| APRIL 30 | PURCHASED STATIONERY FOR CASH | 200 |
| APRIL 30 | PAID WAGES AND SALARIES | 10,000 |
| | | |

Statement no-2:

MR. SHERSHAH DECIDED TO START A STATIONERY SHOP NAMED AS “SHERSHAH STATIONERY SHOP(P)”. A TRADING COMPANY ON 1st APRIL, 2019, HE INVESTED AMOUNTING RS. 5,00,000 FOR THIS PURPOSE, HE TOOK A SHOP COSTING RS. 3,00,000 AND SPENT RS. 1,00,000 FOR ITS INTERIOR AND FITTINGS SEPARATELY TO PURCHASE THE OPENING STOCK WHICH IS ALMOST AMOUNTING RS. 1,50,000. AFTER COMMENCING THE “SHERSHAH STATIONERY SHOP” ON 1st APRIL, 2019 HE HAD SPENT SOME AMOUNT:

| DATE | TRANSACTIONS | AMOUNT |
|------------|--|----------|
| 2019 | | |
| April, 05 | Electricity fittings | 10,000 |
| April, 12 | Placed fixed deposit amount at HDFC BANK | 1,00,000 |
| May, 16 | Printing of pamphlets | 20,000 |
| May, 18 | Sold goods to Mr. Batra for Rs. 50,000 at 20% trade discount | |
| | Goods of worth rs. 5,000 returned by Mr. Batra | |
| June, 20 | Transportation charges | |
| July, 12 | Octrai charges paid in cash | 500 |
| July, 30 | Trade expenses | 100 |
| August, 05 | Miscellaneous charges for tea, newspaper | 500 |
| August, 22 | Furniture purchased for business | 800 |
| Sept, 12 | A cheque of rs. 2,000 issued to petty cashier | 10,000 |
| Oct, 06 | Mr. Batra who owed us Rs. 10,000 declared insolvent and he | |
| Oct, 18 | could pay only 60% of this amount. | |
| Nov, 03 | SOLD GOODS TO RAKESH ON CREDIT | 12,000 |
| Nov, 20 | | 30,000 |
| March, 10 | BOUGHT GOODS on credit from Saheb Stationery dealer | 10,000 |
| | PAID WAGES AND SALARIES | |

NOTE:

Students bearing Odd Roll numbers will make Project based on Statement 1.

Students bearing Even Roll numbers will make Project based on Statement 2.

PM SHRI KENDRIYA VIDYALAYA PASIGHAT

AUTUMN BREAK HOMEWORK

CLASS-XII SUB- BUSINESS STUDIES (054)

| SR NO | QUESTION STATEMENT | MARK |
|--------------|---|-------------|
| 1 | A bottle of Anti- dandruff shampoo mentions ' Clean your hair and get rid of dandruff in one squeeze'. The product related decision involved is a) Branding b) Product quality c) Packaging d) Labelling | 1 |
| 2 | With the presence of women in the workforce, there has been a shift towards formal wear, increased demand of electronic gadgets and increase in demand of cosmetics. The related dimension of business environment referred in the above lines is: a) Technological environment. b) Social environment c) Political environment. d) Economic environment | 1 |
| 3 | Name the function of marketing which is effective in bringing repeat sales from the customers and developing brand loyalty for a product. a) Standardization and grading b) Promotion c) Customer support services d) Packaging and labelling | 1 |
| 4 | Choose the incorrect statement about pricing objectives as a factor affecting the price of a product. a) If a firm's objective is to maximize profits in the short run, it should charge maximum price for its products. b) If a firm's objective is to capture market share, it should keep low price of its product. c) If a firm wants to attain product quality leadership, it should charge lower prices. d) If a firm is facing problems in survival due to stiff competition, it may offer discount on its products. | 1 |
| 5 | Read the following statements: Assertion (A) and Reason(R). Choose the correct alternative from those given below: ASSERTION (A): Management is concerned with efficient use of resources. REASONING (R): For management both efficiency and effectiveness need to be balanced. Alternatives: a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A). b) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) c) Assertion (A) is true but Reason (R) is False d) Assertion (A) is False but Reason (R) is True | 1 |
| 6 | Some employees have been assigned the job of measuring the output in an objective and reliable way. They are applying different techniques for achieving this aim. Some of these are personal-observation, sample-checking etc. They are also keeping the units of measurement same as that of the units in the standards. Name the step of 'Controlling process applicable in the above paragraph. a) Analysing deviations b) Comparing actual performance with standards. c) Establishing standards. d) Measurement of actual performance | 1 |
| 7 | Concentration of decision making functions at the apex of management hierarchy is called | 1 |

| | | |
|----|--|---|
| | <p>Reason(R): The allotment of shares creates a feeling of ownership in the employees.</p> <p>(a) Both Assertion (A) and Reason (R) are true, and Reason (R) is the correct explanation of Assertion (A).</p> <p>(b) Both Assertion (A) and Reason (R) are true, but reason (R) is not the correct explanation of Assertion (A).</p> <p>(c) Assertion (A) is true, but Reason (R) is false.</p> <p>(d) Assertion (A) is false, but Reason(R) is true.</p> | |
| 16 | <p>In order to keep an eye on employee performance, a strategic decision was introduced that all communication must be recorded and filed in the office.</p> <p>“Employees were given individual autonomy and reward for performance.”</p> <p>Which non-financial incentive s highlighted in the above statement.</p> <p>(a) Status (b) Organisational climate</p> <p>(c)Employee recognition (d) Carrer advancement opportunity</p> | 1 |
| 17 | <p>Bhagwati Enterprises is a company engaged in the marketing of air- conditioners of a famous brand. The company has a functional structure with four main functions — Purchase, Sales, Finance and Staffing. As the demand for the product grew, the company decided to recruit more employees.</p> <p>Identify the concept from the following which will help the Human Resource Manager to find out the number and type of personnel available so that he could decide and recruit the required number of persons for each department.</p> <p>A. Workload Analysis B. Workforce Analysis</p> <p>C. Performance Appraisal D. All of the above</p> | 1 |
| 18 | <p>The element of promotion mix which involves a variety of programmes products in the eyes of the public is :</p> <p>(a) Personal selling (b) Public relations</p> <p>(c) Marketing (d) Sales promotion</p> | 1 |
| 19 | <p>The process that initiates implementation of plans by clarifying jobs and working relationships and effectively deploying resources for attainment of identified and desired results is known as :</p> <p>(a) Organising (b) Controlling</p> <p>(c) Staffing (d) Planning</p> | 1 |
| 20 | <p>Coordination integrates the efforts of different departments and at different levels</p> <p>Identify the characteristic of coordination highlighted in the above statement.</p> <p>(a) Coordination ensures unity of action.</p> <p>(b) Coordination is an all pervasive function.</p> <p>(c) Coordination is a deliberate function.</p> <p>(d) Coordination is the responsibility of all managers.</p> | 1 |
| 21 | <p>Captcha Ltd. is a construction company in which all the employees learn various ways of dealing with diverse situations from their seniors. Company provides financial as well as non-financial incentives. This helps the employees to grow and develop their abilities. The organisation behaves as a responsible constituent of society and always creates good quality products. It has a positive image in the market. The training modules are excellent and the employees always try to find unique ways of providing solutions in the context of rapidly changing business environment. This has helped the organisation to adjust smoothly.</p> <p>Identify and state three points of importance of management being highlighted here.</p> | 3 |
| 22 | <p>State any three reasons as to why controlling is regarded as an indispensable function of management.</p> <p style="text-align: center;">OR</p> <p>Enumerate any three advantages of Management by Exception which is used by manager in analysing deviations.</p> | 3 |

| | | |
|----|---|---|
| 23 | <p>Resolutions Pvt. Ltd. is a publishing company. Its book on Business Studies for class XII is in great demand. As a result, the employees in the marketing department are always racing against time as they have to work overtime and on holidays as well to cater to the demand. The work stress has led to dissatisfaction among the employees of the marketing department.</p> <p>1. Name and explain the step of staffing process which has not been performed properly. 2. Also, explain the immediate next step in the process of staffing.</p> | 3 |
| 24 | <p>Ragini, a very able HR manager, is called by her boss. He tells her to judge whether there is under manning or over manning in the organisation. She takes her work sincerely and finds out that the total number of employees in the organisation is less than required. Then she starts a process of searching potential employees for the organisation. In her efforts to do so she adopts three ways:</p> <ol style="list-style-type: none"> 1. She goes to various MBA colleges to find out new talent. 2. She talks to the existing employees for information about candidates in their know-ledge who can be recruited in the organisation. 3. She asks for data base of the candidates who applied last year but could not make it to the organisation. <p>Identify and explain different types of sources of external recruitment highlighted in the above case.</p> | 3 |
| 25 | <p>Explain the following features of Directing</p> <ol style="list-style-type: none"> a) Directing initiates action b) Directing is a continuous process <p style="text-align: center;">OR</p> <p>Explain the following leadership styles:</p> <ol style="list-style-type: none"> a) Autocratic leadership b) Laissez Faire leadership | 4 |
| 26 | <p>Mr. Akshay, a 20 year old college student purchased a book online from XYZ Pvt Ltd and when it was delivered, he noticed that there was no MRP mentioned on it. He browsed the internet and found that the book was sold at different prices in different places. He filed a case in District forum against the publisher. The court held in favour of Akshay and awarded a compensation of ₹10,000.</p> <ol style="list-style-type: none"> a) Identify and state the consumer right violated in the above case. b) Name and explain the right exercised by Mr. Akshay. | 4 |
| 27 | <p>Identify and state the various elements of communication highlighted in the following cases:</p> <ol style="list-style-type: none"> (i) Department 'A' has sent an encoded message to department 'B' through internet. What is the role of internet here? (ii) Madhur is making gestures so that he can send a message to Ranbhir. What is Madhur doing here? (iii) Ranbhir is trying to understand the message sent by Madhur by reading his gestures. What is Ranbhir doing here? (iv) Kamesh picks up his phone and finds a message on it. He reads the message carefully. What is the role of Kamesh here? | 4 |
| 28 | <p>Smart Watch co. Ltd. is a watch manufacturing company marketing smart-watches for adults. The company now wants to manufacture smart-watches for children also. For this it gathered and analysed market information, did marketing planning, product designing and development, standardisation and also decided about the packaging, labelling, branding, pricing, warehousing, transportation and distribution of these smart-watches. Even after doing all the above stated activities the company is not picking up the sales. The Chief Executive Officer of the company asked the Marketing Manager to find out the reason. The Marketing Manager investigated the matter and found out that his</p> | 4 |

| | | |
|----|---|---|
| | <p>marketing team had not performed the two important functions of marketing which may help the company not only in boosting the sales but also in getting repeat sales.</p> <p>Identify and explain the functions of marketing which were not performed by the marketing team.</p> | |
| 29 | <p>Read to the extract given below and choose the correct option to answer the following: Rihan is the chief of ‘Alibaba ‘ restaurant located in the city of Kolkata. The place is known for its exquisite Mughlai cuisine especially mutton biryani and kababs. All the food is prepared under Rihan’s perview. The various activities in the kitchen are initiated in accordance with his instructions. He is very clear and specific in issuing instructions to his subordinates in order to ensure the smooth working of the department. He personally oversees the method followed by the chefs for the preparation of each dish. He misses no opportunity to praise his subordinates for their good work. All his team members feel very happy and satisfied under his direction. He provides constant guidance to them in order to improve upon its taste and presentation and also encourages them to innovate and be more creative in their work.</p> <p>I.‘He is very clear and specific in issuing instructions to his subordinates in order to ensure the smooth working of the department.’ Which element of directing is referred here? (a) Communication (b) Leadership (c) Supervision (d) Motivation</p> <p>II.’He misses no opportunity to praise his subordinates for their good work. All his team members feel very happy and satisfied under his direction. ‘ Which element of directing is referred here? (a) Communication (b) Leadership (c) Supervision (d) Motivation</p> <p>III.’He provides constant guidance to them in order to improve upon its taste and presentation and also encourages them to innovate and be more creative in their work.’ Which element of directing is referred here? a) Communication (b) Leadership (c) Supervision (d) Motivation</p> <p>IV.Which of the following is not a characteristics of directing? (a)Initiates action (b)A continuous process (c)Flows from top to bottom (d)Ensures order and discipline</p> | 4 |
| 30 | <p>Ramarjuna joins an IT firm as a system analyst after completing his masters in Computer Science. As the nature of his work demands he has to work in very close coordination with all the departmental heads in the firm, very soon Ramarjuna realizes that each departmental head has own individual style of working. They differ greatly in their day-to-day approach to work. They tend to deal with a given situation, an issue or a problem</p> | 4 |

| | | |
|----|---|---|
| | <p>through a combination of their own experience, creativity, imagination, initiative and innovation.</p> <p>In the context of the above case, identify and explain the nature of management highlighted in the above case.</p> | |
| 31 | <p>Identify and explain the type of plans in the following cases :</p> <p>(a) Ananta Travel and Tourism Pvt. Ltd. is providing tourism and hospitality services to its customers. To achieve its objectives the company prepares a comprehensive plan taking into consideration the business environment.</p> <p>(b) Amit is Chief Executive Officer of Mannat Raj Industries. He developed the broad parameters within which the managers may function. By doing so he tried to provide a base for interpreting strategy which was stated in general terms.</p> | 6 |
| 32 | <p>X Ltd. is engaged in the manufacturing of cars. The company surveyed the market and found that customers need a car which runs on eco-friendly fuel instead of petrol or diesel. Keeping the needs of customers as well as social, ethical and ecological aspects of marketing in mind, the company launched a new model of car that runs on bio-diesel. The launch event was covered by the top news channels and newspapers. This was done to disseminate information about the car and build goodwill of the business. X Ltd. understands that it is imperative to manage public opinion and company's relations with the public on a regular basis.</p> <p>(a) Identify and explain the marketing philosophy involved in the above case.</p> <p>(b) Identify and explain the communication tool that was used by the company.</p> <p>(c) Explain any two other promotional tools that can be used by X Ltd. to achieve its objectives.</p> | 6 |
| 33 | <p>Diligent developers, a website design company in Bangalore is a startup initiative of Mr. Maniraj which aims at achieving a profit margin of 10% in its first year. Mr. Maniraj appointed Mr. Advait as the Digital marketing Head, Mr. Kiyansh as the head of Backend department and Mr. Nirved headed the Graphics Designing Department. Since each head was specialised in specific skills, it resulted in increased efficiency and better coordination. However, problems arose when Mr. Advait started considering group objectives superior to organisational objectives and stopped exchanging information with Mr. Kiyansh and Mr. Nirved. The company had to bear the brunt of lack of coordination and was unable to achieve its objectives.</p> <p>a) Identify and state the organisational structure adopted by the company.</p> <p>b) State two benefits and two limitations of the identified structure highlighted in the above case.</p> | 6 |
| 34 | <p>1) Explain any two techniques of Scientific Management from the following:</p> <p>a) Method study b) Motion study c) Time study</p> <p>2) Differentiate between Unity of Command and Unity of Direction on any three basis.</p> <p style="text-align: center;">OR</p> <p>1) Explain any two principles of Fayol from the following:</p> <p>a) Discipline b) Order c) Initiative</p> <p>2) Differentiate between contributions made by F.W.Taylor and Henry Fayol on any three basis.</p> | 6 |

PM SHRI KENDRIYA VIDYALAYA PASIGHAT

AUTUMN BREAK HOMEWORK-(2024-25)

CLASS- 12 SUB- ACCOUNTANCY

Solve these questions in your note book.

| SR NO | QUESTIONS STATEMENTS | MARK |
|-------|---|------|
| 1 | Alexa Ltd. purchased building from Siri Ltd for ₹8, 00,000. The consideration was paid by issue of 6% debentures of ₹100 each at a discount of 20%. The 6% Debentures account is credited with: a) ₹10,40,000 b) ₹10,00,000 c) ₹9,60,000 d) ₹6,40,000 | 1 |
| 2 | Which of the following statements is incorrect about debentures? a) Interest on debentures is an appropriation of profits. b) Debenture holders are the creditors of a company. c) Debentures can be issued to vendors at discount. d) Interest is not paid on Debentures issued as Collateral Security. | 1 |
| 3 | Assertion (A):- A Company is Registered with an authorised Capital of 5, 00,000 Equity Shares of ₹10 each of which 2, 00,000 Equity shares were issued and subscribed. All the money had been called up except ₹2 per share which was declared as 'Reserve Capital'. The Share Capital reflected in balance sheet as 'Subscribed and Fully paid up' will be Zero. Reason (R):- Reserve Capital can be called up only at the time of winding up of the company. (a) Both Assertion (A) and Reason (R) are Correct and Reason (R) is the correct explanation of Assertion (A) (b) Both Assertion (A) and Reason (R) are Correct, but Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is incorrect, but Reason (R) is Correct. (d) Assertion (A) is correct, but Reason (R) is incorrect | 1 |
| 4 | G, S and T were partners sharing profits in the ratio 3:2:1. G retired and his dues towards the firm including Capital balance, Accumulated profits and losses share, Revaluation Gain amounted to ₹ 5, 80,000. G was being paid ₹ 7, 00,000 in full settlement. For giving that additional amount of ₹ 1, 20,000, S was debited for ₹ 40,000. Determine goodwill of the firm. a). ₹ 1, 20,000 b). ₹80,000 c). ₹2, 40,000 d). ₹ 3,60,000 OR Annu, Banu and Chanu are partners, Chanu has been given a guarantee of minimum profit of ₹8,000 by the firm. Firm suffered a loss of ₹5,000 during the year. Capital account of Banu will be _____ by ₹ _____. a) Credited, ₹6,500. b) Debited, ₹6,500. c) Credited, ₹1,500. d) Debited, ₹1,500. | 1 |
| 5 | Rancho Ltd. took over assets worth ₹ 20, 00,000 from PK Ltd. by paying 30% through bank draft and balance by issue of shares of ₹ 100 each at a premium of 10%. The entry to be passed by Rancho Ltd RR for settlement will be :- | 1 |
| 6 | A company forfeited 3,000 shares of ₹10 each, on which only ₹5 per share (including ₹1 premium) has been paid. Out of these few shares were re-issued at a discount of ₹1 per share were and ₹6,000 were transferred to Capital Reserve. How many shares were re-issued? a) 3,000 shares b) 1,000 shares c) 2,000 shares d) 1,500 shares | 1 |
| 7 | X and Y are partners in a firm with capital of ₹18,000 and ₹20,000. Z brings ₹10,000 for his share of goodwill and he is required to bring proportionate capital for 1/3rd share in profits. The capital contribution of Z will be: a) ₹24,000. b) ₹19,000. c) ₹12,667. d) ₹14,000. | 1 |
| 8 | On the day of dissolution of the firm 'Roop Brothers' had partner's capital amounting to ₹1, 50,000, external liabilities ₹35,000, Cash balance ₹8,000 and P&LA/c (Dr.) ₹7,000. If Realisation expense and loss on Realisation amounted to ₹5,000 and ₹25,000 respectively, the amount realised by sale of assets is: a) ₹1,64,000 b) ₹1,45,000 c) ₹1,57,000 d) ₹1,50,000 | 1 |

| | | |
|----|---|---|
| 9 | <p>P, Q and R were partners with fixed capital of ₹ 40,000, ₹32,000 and ₹24,000. After distributing the profit of ₹48,000 for the year ended 31st March 2022 in their agreed ratio of 3 : 1 : 1 it was observed that:</p> <p>(1) Interest on capital was provided at 10% p.a. instead of 8% p.a. (2) Salary of ₹ 12,000 was credited to P instead of Q.</p> <p>You are required to pass a single journal entry in the beginning of the next year to rectify the above omissions.</p> | 3 |
| 10 | <p>Shovan Limited took over the assets of Rs.60, 00,000 and liabilities of Rs. 10, 00,000 from Swami Limited for an agreed purchase consideration of Rs. 45, 00,000. The amount was payable by issuing 10% debentures of Rs.100 each at 25% premium. Pass necessary journal entries for the above transactions in the books of Shovan Limited.</p> | 3 |
| 11 | <p>Annex Ltd. issued 1, 00,000 shares of Rs.10 each at a premium of 10% to the public for subscription. The whole amount was payable on application. Applications were received for 3, 00,000 shares and the board decided to allot shares to all shareholders on pro-rata basis. Pass necessary journal entries for the above transactions in the books of Annex Ltd.</p> | 3 |
| 12 | <p>Atishyokti Ltd. company was registered with an authorized capital of ₹ 20,00,000 divided into 2,00,000 Equity Shares of ₹ 10 each, payable ₹ 3 on application, ₹ 6 on allotment (including ₹ 1 premium) and balance on call. The company offered 80,000 shares for public subscription. All the money has been duly called and received except allotment and call money on 5,000 shares held by Manish and call money on 4,000 shares held by Alok. Manish's shares were forfeited and out of these 3,000 shares were re-issued ₹ 9 per share as fully paid up. Show share capital in the books of the company. Also prepare notes to accounts.</p> | 3 |
| 13 | <p>Pioneer Fitness Ltd. took over the running business of Healthy World Ltd. having assets of ₹10,00,000 and liabilities of ₹ 1,70,000 by: a) Issuing 8,000 8% Debentures of ₹ 100 each at 5% premium redeemable after 6 years @ ₹ 110; and b) Cheque for ₹ 50,000. Pass the Journal entries in the books of Pioneer Fitness Ltd.</p> <p style="text-align: center;">OR</p> <p>Lilly Ltd. forfeited 100 shares of ₹10 each issued at 10% premium (₹8 called up) on which a shareholder did not pay ₹3 of allotment (including premium) and first call of ₹2. Out of these 60 shares were reissued to Ram as fully paid for ₹8 per share and 20 shares to Suraj as fully paid up @ ₹12 per share at different intervals of time. Prepare Share Forfeiture account.</p> | 4 |
| 14 | <p>Sun and Kiran are partners sharing profits and losses equally. They decided to dissolve their firm. Assets and Liabilities have been transferred to Realisation Account. Pass necessary Journal entries for the following:</p> <p>a) All partners are agreed that the process of realisation at the time dissolution will be accomplished by Sun for which he will be paid ₹10,000 along with the amount of expense which amounted to 2% of total value realised from the Assets on dissolution. Some assets were sold for Cash at a cumulative Value of ₹12,00,000 and the remaining were taken over by creditors at a valuation of ₹3,00,000. b) Deferred Advertisement Expenditure A/c appeared in the books at ₹28,000. c) Out of the Stock of ₹1,20,000; Kiran (a partner) took over 1/3 of the stock at a discount of 25% and 50% of remaining stock was taken over by a Creditor of ₹30,000 in full settlement of his claim. Balance amount of stock realized at ₹25,000. d) An outstanding bill for repairs and renewal of ₹3,000 was settled through an unrecorded asset which was valued at ₹10,000. Balance being settled in Cash.</p> | 4 |

| | | |
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| 15 | <p>Chiranjeevi Limited issued 2,000, 10% debentures of ₹ 100 each. Pass the necessary Journal entries for the issue of debentures in the following cases :</p> <p>(a) When debentures were issued at 10% premium, redeemable at 5% premium.</p> <p>(b) When debentures were issued at 5% discount, redeemable at 10% premium.</p> <p>(c) When debentures were issued at par, redeemable at a premium of 10%.</p> <p style="text-align: right;">6</p> | 4 |
| 16 | <p>On July 01, 2022, Panther Ltd. issued 20,000, 9% Debentures of ₹ 100 each at 8% premium and redeemable at a premium of 15% in four equal instalments starting from the end of the third year. The balance in Securities Premium on the date of issue of debentures was ₹ 80,000. Interest on debentures was to be paid on March 31 every year. Pass Journal entries for the financial year 2022-23. Also prepare Loss on Issue of Debentures account.</p> | 4 |
| 17 | <p>Pass necessary Journal Entries for the following transactions on the dissolution of a partnership firm of Mita and Sonu on 31st March, 2022 after the various assets other than cash and third party liabilities have been transferred to the Realisation Account.</p> <p>(a) Creditors of ₹ 90,000 took over Land and Building of ₹ 2,00,000 in full settlement of their claim.</p> <p>(b) Sonu took over debtors amounting to ₹ 50,000 at ₹ 40,000.</p> <p>(c) Realisation expenses ₹ 1800 were paid by Sonu.</p> <p>(d) A machine which was not recorded in the books was taken over by Mita at ₹ 11,000 while its expected market value was ₹ 15,000.</p> <p>(e) Sonu agreed to pay off his wife's loan of ₹ 20,000.</p> <p>(f) Profit on dissolution amounted to ₹ 50,000.</p> | 6 |
| 18 | <p>Sandeep, Maheep and Amandeep were partners in a firm sharing profits in the ratio of 2: 2: 1. The firm closes its books on 31st March every year. On 30th June, 2020 Maheep died. The partnership deed provided that on the death of a partner his executors will be entitled to the following:</p> <p>a) Balance in his capital account which amounted to ₹1, 15,000 and interest on capital till date of death which amounted to ₹5,000.</p> <p>b) His share in the profits of the firm till the date of his death amounted to ₹20,000.</p> <p>c) His share in the goodwill of the firm. The goodwill of the firm on Maheep's death was valued at ₹ 1, 50,000.</p> <p>d) Loan to Maheep amounted ₹ 20,000.</p> <p>It was agreed that the amount will be paid to his executor in three equal yearly instalments with interest @10% p.a. The first instalment was to be paid on 30.06.2021. Calculate the amount to be transferred to Maheep's executors Account and prepare the Executor's account till it is finally settled.</p> | 6 |

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| 24 | Rajinder and Vijay were partners in a firm sharing profits in the ratio 3:2. On 31 st March 2023 their | 6 |
|----|---|---|

balance sheet was as follows:

| Liabilities | | Amount (₹) | Assets | | Amount(₹) |
|-----------------|----------|------------|--|--|-----------|
| Capital A/cs: | | | Fixed Assets (Tangible) | | 3,60,000 |
| Rajinder | 3,00,000 | 4,50,000 | Goodwill | | 50,000 |
| Vijay | 1,50,000 | | Investments | | 40,000 |
| Current A/cs: | | | Stock | | 74,000 |
| Rajinder | 50,000 | 60,000 | Debtors 1,00,000 | | 96,000 |
| Vijay | 10,000 | | Less: Provision for Doubtful Debts 4,000 | | |
| Creditors | | 75,000 | Bank | | 25,000 |
| General Reserve | | 60,000 | | | |
| | | 6,45,000 | | | 6,45,000 |

With an aim to expand business it is decided to admit Ranvijay as a partner on 1st April 2023 on the following terms:

- Provision for doubtful debts is to be increased to 6% of debtors.
- An outstanding bill for repairs ₹ 50,000 to be accounted in the books
- An unaccounted interest accrued of ₹ 7500 be provided for .
- Investment were sold at book value.
- Half of stock was taken by Rajinder at ₹42,000 and remaining stock was also to be revalued at the same rate.
- New profit-sharing ratio of partners will be 5:3:2.
- Ranvijay will bring ₹ 1,00,000 as capital and his share of goodwill which was valued at twice the average profit of the last three years ended 31st March 2023, 2022 and 2021 were ₹ 1,50,000, ₹ 1,30,000 and ₹ 1,70,000 respectively.

Pass necessary journal entries.

The Directors of Rockstar Ltd. invited applications for 2, 00,000 Shares of ₹ 10 each, issued at 20% premium. Share was payable as ₹ 5 on application, ₹ 4 (including premium) on allotment and balance on call. Public had applied for 3, 20,000 shares out of which applications for 20,000 shares were rejected and remaining were allotted on pro-rata basis. Simba, an applicant of 15,000 shares failed to pay allotment and call money. His shares were forfeited and out of these 6,000 shares were reissued at a discount of ₹2 per share. Journalise.

OR

Shaktimaan Ltd. invited applications for issuing 1, 00,000 Shares of ₹ 10 each at a premium of ₹2 per share. The amount was payable as ₹ 4 on application (including premium); ₹ 5 on Allotment and balance on call. Applications were received shares for 1, 80,000 of which Applications for 30,000 shares were rejected and remaining applicants were allotted on pro-rata basis. Manthan, holding 5,000 shares failed to pay call money and his shares were forfeited. Out of these 2,000 shares were re-issued at premium of ₹ 3 per share.

Prepare Cash Book and pass necessary entries.