

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO.

**JEPBN-2025**

(Booklet Number)

**Duration : 90 minutes**

**No. of MCQ : 100**

**Full Marks : 100**

**INSTRUCTIONS**

1. All questions are of objective type having four answer options for each.
2. Each question carries **1** mark each and only one option is correct. In case of incorrect answer or any combination of more than one answer,  $\frac{1}{4}$  mark will be deducted.
3. Questions must be answered on OMR sheet by darkening the appropriate bubble marked A, B, C, or D.
4. Use only **Black/Blue ink ball point pen** to mark the answer by filling up of the respective bubbles completely.
5. Write Question Booklet number and your roll number carefully in the specified locations of the OMR sheet. Also fill appropriate bubbles.
6. Write your name (in block letters), name of the examination center and put your signature (as it appeared in Admit Card) in appropriate boxes in the **OMR sheet**.
7. The OMR sheet is liable to become invalid if there is any mistake in filling the correct bubbles for Question Booklet number/roll number or if there is any discrepancy in the name/signature of the candidate, name of the examination center. The OMR sheet may also become invalid due to folding or putting stray marks on it or any damage to it. The consequence of such invalidation due to incorrect marking or careless handling by the candidate will be the sole responsibility of candidate.
8. Candidates are not allowed to carry any written or printed material, calculator, pen, docu-pen, log-table, wristwatch, graph paper, slide rule, any communication device like mobile phones, bluetooth devices etc. inside the examination hall. Any candidate found with such prohibited items will be **reported against** and his/her candidature will be summarily cancelled.
9. Rough work must be done on the Question Booklet itself. Additional blank pages are given in the Question Booklet for rough work.
10. Hand over the OMR sheet to the invigilator before leaving the Examination Hall.
11. Candidates are allowed to take the Question Booklet after the examination is over.

Signature of the Candidate : \_\_\_\_\_  
(as in Admit Card)

Signature of the Invigilator : \_\_\_\_\_

**JEPBN-2025 ( 2 )**

**SPACE FOR ROUGH WORK / রাফ কাজের জন্য জায়গা**

**(Carry 1 mark each. Only one option is correct. Negative mark: -¼)**

1. Which part of the eye regulates the amount of light entering?  
(A) Retina (B) Lens  
(C) Cornea (D) Iris
2. The organ of Corti is present in the  
(A) Semicircular canals (B) Cochlea  
(C) Vestibule (D) Eustachian tube
3. The longest cranial nerve is  
(A) Trigeminal nerve (B) Facial nerve  
(C) Vagus nerve (D) Hypoglossal nerve
4. The endocrine part of the pancreas is called  
(A) Acini (B) Islets of Langerhans  
(C) Sinusoids (D) Hepatocytes
5. Which structure connects the pharynx to the middle ear?  
(A) Cochlea (B) Vestibule  
(C) Semicircular canal (D) Eustachian tube
6. The main respiratory center is located in the  
(A) Cerebrum (B) Cerebellum  
(C) Medulla oblongata (D) Pons
7. Which type of muscle is involuntary and non-striated?  
(A) Skeletal muscle (B) Cardiac muscle  
(C) Smooth muscle (D) Voluntary muscle
8. The Frank–Starling law is related to  
(A) Pulmonary ventilation (B) Heart contraction  
(C) Blood clotting (D) Kidney filtration

**JEPBN-2025 ( 4 )**

- 9.** The largest volume of air that can be expired after a minimal inspiration is called  
(A) Tidal volume (B) Residual volume  
(C) Vital capacity (D) Functional residual capacity
- 10.** Which hormone is primarily involved in water re-absorption in the kidney?  
(A) ADH(vasopressin) (B) Aldosterone  
(C) Cortisol (D) Insulin
- 11.** The process of boiling water at 100°C for 30 minutes is an example of  
(A) Sterilization (B) Disinfection  
(C) Pasteurization (D) Antisepsis
- 12.** The term aseptic technique refers to  
(A) the use of antibiotics to kill bacteria.  
(B) the prevention of microbial contamination during medical procedures.  
(C) the process of killing all microorganisms in a given area.  
(D) the collection of specimens from a patient for analysis.
- 13.** Which is the most common type of biological vector for zoonotic disease in human beings?  
(A) Virus (B) Arthropods  
(C) Mammals (D) Bacteria
- 14.** Incubation period of Measles is  
(A) 3 days (B) 21 days  
(C) 10 days (D) 30 days
- 15.** Which of the following is a spore forming bacteria?  
(A) Escherichia Coli (B) Treponema Pallidum  
(C) Clostridium Tetani (D) Vibrio Cholerae
- 16.** Which vitamin is necessary for the utilization and retention of calcium and phosphorous?  
(A) Vitamin-D (B) Vitamin-C  
(C) Vitamin-K (D) Vitamin-A

**JEPBN-2025 ( 5 )**

- 17.** Which of the following is an example of Gluten free diet?  
(A) Wheat (B) Barley  
(C) Milk (D) Bread
- 18.** Which of the following is an iron-transporting protein?  
(A) Transferrin (B) Ferritin  
(C) Porphyrin (D) Pyridoxine
- 19.** Which dangerous bacteria may be present in raw eggs?  
(A) Bacillus (B) Salmonella  
(C) Streptococcus (D) Lactobacillus
- 20.** Horney or toad skin is due to deficiency of  
(A) Proteins (B) Essential fatty acids  
(C) Carbohydrates (D) Essential minerals
- 21.** Antitussive drug is used to inhibit  
(A) Cough (B) Sweating  
(C) Itching (D) Sneezing
- 22.** Which of the drugs is used as a 1st line of drug for treating anaphylactic shock?  
(A) Corticosteroids (B) Epinephrine  
(C) Antihistamines (D) Bronchodilator
- 23.** Antidote of Warfarin is  
(A) Vitamin-K (B) Naloxone  
(C) Amiodarone (D) Protamine sulphate
- 24.** The drug used to counteract organophosphate poisoning—  
(A) Physostigmine (B) Atropine  
(C) Diazepam (D) EDTA



**JEPBN-2025 ( 6 )**

- 25.** Which drug is used as a 1st line of treatment of supra ventricular tachycardia(SVT)?  
(A) Atropine (B) Deriphyllin  
(C) Morphin (D) Adenosine
- 26.** Insufficiency of this substance in blood may cause oedema—  
(A) Albumin (B) Hormone  
(C) Electrolytes (D) Gases
- 27.** Select the following which is not required for clot formation.  
(A) Plasmin (B) Vitamin-K  
(C) Calcium (D) Fibrinogen
- 28.** Most reliable and standardized test to diagnose rheumatic fever is  
(A) ESR (B) ECG  
(C) C-Reactive Protein (D) Anti-streptolysin O titer
- 29.** Inherited sex-linked bleeding disorder is  
(A) Hemophilia (B) Thalassemia  
(C) Sickle cell disease (D) Purpura
- 30.** Hungtington's disease is an inherited neurological disorder that affects  
(A) muscle and movement control.  
(B) immune system and autoimmune response.  
(C) endocrine system and hormone production.  
(D) digestive system and nutrient absorption.
- 31.** Marriage within the caste is known as  
(A) Endogamy (B) Exogamy  
(C) Sororate (D) Incest taboo
- 32.** Which of the following is an example of a secondary group?  
(A) Family  
(B) Close friends  
(C) Work colleagues in a large corporation  
(D) Neighborhood playgroup of toddlers

**JEPBN-2025 ( 7 )**

- 33.** The process by which culture is passed from one generation to another is called  
(A) Innovation (B) Cultural diffusion  
(C) Socialization (D) Globalization
- 34.** A caste system is an example of  
(A) open stratification where social mobility is high.  
(B) closed stratification where social position is hereditary and fixed.  
(C) a merit-based system.  
(D) an economic class system where wealth is the only determinant.
- 35.** Which of the following is an example of formal social control?  
(A) Family norms (B) Peer pressure  
(C) Laws enforced by the police (D) Personal conscience
- 36.** The stage of Erikson's psychosocial development that focuses on identity vs. role confusion occurs during  
(A) Childhood (6–12 years) (B) Adolescence (12–18 years)  
(C) Young adulthood (18–40 years) (D) Middle adulthood (40–65 years)
- 37.** The founder of client-centered therapy is  
(A) Carl Rogers (B) B.F. Skinner  
(C) Sigmund Freud (D) Alfred Adler
- 38.** The process of focusing awareness on a limited aspects of the environment is called  
(A) Sensation (B) Perception  
(C) Attention (D) Cognition
- 39.** Which method of psychology emphasizes studying the whole experience rather than parts?  
(A) Behaviorism (B) Humanistic psychology  
(C) Gestalt psychology (D) Psychoanalysis
- 40.** The ability to solve new problems and adapt to new situations is called  
(A) Crystallized Intelligence (B) Fluid Intelligence  
(C) Practical Intelligence (D) Emotional Intelligence

41. One idea runs into another without connection, there by the speech is disjointed or disconnected. This progression level of thought is called
- (A) Flight of idea (B) Perseveration  
(C) Incoherence (D) Tangentiality
42. A student failed in her Psychology exam and spent the entire evening criticizing the teacher and the institution. This behaviour is an example of
- (A) Rationalization (B) Compensation  
(C) Projection (D) Displacement
43. Mini Mental Status Examination (MMSE) with 30 point questionnaire test is done to screen for
- (A) Cognitive Impairment (B) Sensory Impairment  
(C) Perceptual Impairment (D) Speech Impairment
44. Freud classified all mental contents and operations into the categories of
- (A) Conscious and Preconscious mind  
(B) Conscious and Unconscious mind  
(C) Conscious and Preconscious and Unconscious mind  
(D) Preconscious and Unconscious mind
45. The patient has an exaggerated concern over his bodily health is called
- (A) Hypochondria (B) Delusion  
(C) Depression (D) Anxiety
46. The management of nausea as a side effect of lithium carbonate (Eskalith) includes instructing the patient to take the medication
- (A) after meals. (B) between meals.  
(C) with a carbonated beverage. (D) with a large glass of water.
47. Which of the following is an appropriate statement for the principle that **‘patient is accepted exactly as he is’**?
- (A) Objective observation of patient behaviour  
(B) Explaining all the procedures according to his level of understanding  
(C) Maintaining realistic nurse–patient relationship  
(D) Being non-judgmental and non-punitive



- 48.** In a therapeutic community, patient participates in the decision making and problem solving processes. This refers to
- (A) an autocratic form of staff government.
  - (B) a structured form of staff involvement.
  - (C) a democratic form of self-governance.
  - (D) a structured form of patient involvement.
- 49.** One of the side effect of an antipsychotic drug is abnormal involuntary movements of the mouth muscles. It is termed as
- (A) Akathisia
  - (B) Tardive dyskinesia
  - (C) Acute dystonia
  - (D) Parkinsonism
- 50.** 'La belle indifference' is seen in
- (A) Dissociative disorders
  - (B) Phobic disorders
  - (C) Schizophrenic disorder
  - (D) Bipolar Affective disorders
- 51.** In stage II cervical cancer
- (A) carcinoma strictly confined to the cervix.
  - (B) the carcinoma extends beyond the cervix but not to the pelvic wall.
  - (C) the carcinoma has extended to the true pelvis.
  - (D) the carcinoma has extended beyond the true pelvis.
- 52.** Causative organism of chancroid is
- (A) Chlamydia trachomatis
  - (B) Treponema pallidum
  - (C) Pox virus
  - (D) Haemophilus ducreyi
- 53.** A healthy, previously normotensive, 26-year-old G<sub>1</sub>P<sub>0</sub> presents to your clinic at 34 weeks' gestation with a BP of 142/94 mmHg. What test should you check next ?
- (A) Liver function test
  - (B) Complete blood count
  - (C) Urine for protein
  - (D) Blood uric acid
- 54.** Glucose is transferred to the fetus by
- (A) Facilitated diffusion
  - (B) Simple diffusion
  - (C) Active transfer
  - (D) Endocytosis

**JEPBN-2025 ( 10 )**

- 55.** Which of the following findings would confirm a diagnosis of 'severe' pre-eclampsia?  
(A) Serum creatinine of 0.8 mg/dL  
(B) Serum AST (aspartate transaminase) 140 mg/dL  
(C) 1+ proteinuria on dipstick  
(D) BP 158/96 mmHg
- 56.** The outer most membrane of the placenta is  
(A) Amnion (B) Chorion  
(C) Cotyledon (D) Yolk sac
- 57.** Which suture forms junction between occipital bone and frontal bone?  
(A) Sagittal (B) Coronal  
(C) Frontal (D) Lambdoid
- 58.** Cu-T 375 should be changed after \_\_\_\_\_ years.  
(A) 5 (B) 10  
(C) 15 (D) 8
- 59.** Janani Suraksha Yojana was launched in the year of  
(A) 2001 (B) 2003  
(C) 2005 (D) 2009
- 60.** The typical duration of 1st stage of labour for first time mother is  
(A) 2–4 hours (B) 4–6 hours  
(C) 10–12 hours (D) 14–18 hours
- 61.** The nurse is assessing her client who has just returned from surgery. The best way to determine the pain medication is to  
(A) watch for changes in client vital signs.  
(B) ask the client to rate his pain on pain scale (0–10).  
(C) observe the clients facial expression.  
(D) wait for the doctor for requesting advice for pain medications.
- 62.** A state of being free from microorganism is called  
(A) Asepsis (B) Sterilization  
(C) Aseptic technique (D) Antiseptic

- 63.** The nurse is assessing the heart sound of a patient with mitral stenosis. To hear the mitral murmur the nurse place the stethoscope at
- (A) the third intercostal space right of the sternum.
  - (B) the third intercostal space left of the sternum.
  - (C) the fourth intercostal space beneath the sternum.
  - (D) the fifth intercostal space mid clavicular line.
- 64.** The stage of dying proposed by Elisabeth–Kubler–Ross in which people often think-‘oh no this can’t be happening to me’ is
- (A) Denial
  - (B) Anger
  - (C) Bargaining
  - (D) Acceptance
- 65.** Principle of good body mechanics include
- (A) holding object away from the body for better leverage.
  - (B) maintain the wide base of support.
  - (C) keeping knees locked position.
  - (D) bending at the waist to maintain centre of gravity.
- 66.** Which of the following Intravenous fluid administration is contraindicated in patients with lactic acidosis and impaired liver function?
- (A) Normal Saline
  - (B) Ringer lactate
  - (C) Mannitol
  - (D) Dextran
- 67.** Disinfection of patient’s unit after the death/discharge of patient is termed as
- (A) Concurrent disinfection
  - (B) Quarantine
  - (C) Terminal disinfection
  - (D) Sterilization
- 68.** Sudden return to normal temperature from a very high temperature within a few hours—
- (A) Crisis
  - (B) Lysis
  - (C) Continuous Fever
  - (D) Remittent Fever
- 69.** Normal planter (Babinski) reflex response in adult is
- (A) flexion of arm at elbow.
  - (B) extension of arm elbow.
  - (C) extension of leg at knee.
  - (D) bending of toe downwards.

**JEPBN-2025 ( 12 )**

- 70.** Tracheostomy is usually performed between the tracheal rings of cartilage of  
(A) fourth and fifth (B) third and fourth  
(C) second and third (D) first and second
- 71.** Staining technique used in RNTCP is  
(A) Zeihl Nielson stain (B) Gram Stain  
(C) Giemsa Stain (D) PAS
- 72.** Which of the anti tuberculosis drug is not given in Pregnancy?  
(A) Sterptomycin (B) INH  
(C) Ethambutol (D) Rifampicin
- 73.** Clinical diagnosis is possible as early as possible in which stage of infection?  
(A) Primordial (B) Incubation period  
(C) Fastigium (D) Defection
- 74.** Oldest Communicable disease control measure—  
(A) Quarantine (B) Isolation  
(C) Health Education (D) Vaccination
- 75.** Humoral immunity is associated with  
(A) T-Cells (B) B-Cells  
(C) Alpha Cell (D) Natural Killer Cells
- 76.** The Vaccine administered as 'Nasal drops'—  
(A) Rubella (B) Poliomyelitis  
(C) Influenza (D) Measles
- 77.** Primordial prevention in coronary heart disease is  
(A) Exercise in high risk area (B) BP monitoring  
(C) Statins (D) Salt restriction

**JEPBN-2025 ( 13 )**

- 78.** Fast breathing in a 6 month old infant (IMNCI guideline) is taken as  
(A) > 60 breaths /min (B) > 50 breaths /min  
(C) > 40 breaths /min (D) > 30 breaths /min
- 79.** Health & Wellness Centre is under the program of  
(A) Ayushman Bharat (B) IMNCI  
(C) UIP (D) National Health Mission
- 80.** Biodegradable waste products, disposing in which of the colour code of the bags?  
(A) Blue (B) Black  
(C) Green (D) Yellow
- 81.** The first heart sound (S<sub>1</sub>) is produced by closure of  
(A) Aortic and Pulmonary valves. (B) Mitral and Tricuspid valves.  
(C) Mitral and Aortic valves. (D) Pulmonary and Tricuspid valves.
- 82.** The normal range of serum creatinine in adults is  
(A) 0.2–0.6 mg/dL (B) 0.7–1.3 mg/dL  
(C) 1.5–2.0 mg/dL (D) 2.5–3.0 mg/dL
- 83.** Cullen's sign (periumbilical bluish discoloration) indicates  
(A) Appendicitis (B) Acute pancreatitis  
(C) Cholecystitis (D) Peptic ulcer
- 84.** Broca's aphasia is characterized by  
(A) inability to comprehend speech. (B) inability to produce speech.  
(C) inability to read. (D) inability to write.
- 85.** Normal glomerular filtration rate (GFR) is  
(A) 25 mL/min (B) 60 mL/min  
(C) 125 mL/min (D) 200 mL/min

**JEPBN-2025 ( 14 )**

- 86.** Hypothyroidism in a adult is known as  
(A) Grave's Disease (B) Myxedema  
(C) Cretinism (D) Addison's Disease
- 87.** Hemophilia B is caused by the deficiency of  
(A) Factor VII (B) Factor X  
(C) Factor IX (D) Factor XI
- 88.** A major advantage of peritoneal dialysis is the following:  
(A) Less restriction on diet and can be preformed at home  
(B) Biocompatible dialysate cause no long-term consequences  
(C) Promotes weight loss  
(D) No medication is required as toxic are removed by the efficiency of the peritoneal membrane.
- 89.** A nurse suspects presence of Deep Vein Thrombosis in a bed ridden patient by positive  
(A) Homan's sign (B) Brudginski's sign  
(C) Kernig's sign (D) Roving's sign
- 90.** An appropriate method of calculating the body surface area of Burns for the children is  
(A) Palmer method (B) Rule of Nine  
(C) Rule of Five (D) Both (A) and (C)
- 91.** A newborn should pass urine within  
(A) 12 hours of birth (B) 24 hours of birth  
(C) 48 hours of birth (D) 84 hours of birth
- 92.** Site for giving IM injection to child less than 1 year is  
(A) Rectus Femoris site (B) Ventrogluteal muscle site  
(C) Vastus Lateralis site (D) Dorsogluteal site

**JEPBN-2025 ( 15 )**

- 93.** Supplementation of which during pregnancy can decrease the risk of Neural Tube defects in the offspring ?  
(A) Iron (B) Folic Acid  
(C) Calcium (D) Antacids
- 94.** In Hypospadias urethral opening is situated at  
(A) Tip of the penis. (B) Dorsal aspect of the penis.  
(C) Lateral aspect of the penis. (D) Ventral aspect of the penis.
- 95.** In pyloric stenosis, vomitus is characterized by  
(A) Watery and clear. (B) Yellowish, bile stained.  
(C) Coffee coloured. (D) Projectile, non-bilious.
- 96.** “Boot-shaped heart” is seen in  
(A) Tetralogy of Fallot (B) Aortic stenosis  
(C) Coarctation of aorta (D) Patent ducts arteriosclerosis
- 97.** Cracked pot sound on percussion over hydrocephalus baby is called as  
(A) Chadwick’s sign (B) Kerning’s sign  
(C) Macewen’s sign (D) Homan’s sign
- 98.** Megaloblastic anaemia results from deficiency of  
(A) Iron and Folic acid. (B) Vitamin B12 and Folic acid.  
(C) Iron and Vitamin C. (D) Vitamin B12 and Vitamin C.
- 99.** A child is able to build 3 blocks in developmental age of  
(A) 12 months (B) 15 months  
(C) 18 months (D) 24 months
- 100.** Hind milk is richer in  
(A) Water (B) Fat  
(C) Protein (D) Minerals
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**JEPBN-2025 ( 16 )**

**SPACE FOR ROUGH WORK / রাফ কাজের জন্য জায়গা**