

भारतीय प्रौद्योगिकी संस्थान रूड़की
Indian Institute of Technology Roorkee

RECRUITMENT EXAMINATION FOR STAFF NURSE

TIER-II

इस पुस्तिका में 8 पृष्ठ शामिल हैं।
This booklet consists of 8 pages.

अधिकतम अंक: 25
Maximum Marks: 25

समय: 60 मिनट
Time: 60 Minutes

Name of Candidate (CAPITAL LETTERS): _____
अभ्यर्थी का नाम

Roll Number: _____
अनुक्रमांक

Father's / Husband's Name: _____
पिता / पति का नाम

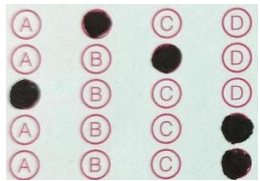
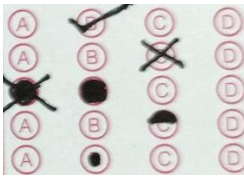
Date of Examination: _____
परीक्षा की तिथि

Signature of Candidate
अभ्यर्थी के हस्ताक्षर

Signature of Invigilator
निरीक्षक के हस्ताक्षर

INSTRUCTIONS TO CANDIDATES

1. This question paper has 25 questions. Each question carries one mark. There are four choices for answer (A, B, C, D) to each question. Choose the correct answer (one only) for each question and mark it on the Optical Response Sheet (ORS).
2. Questions have been set in English and Hindi, in case of discrepancy, the English version will prevail.
3. Read the instructions given in the ORS carefully.
4. Use a black pen only otherwise, ORS will not be evaluated.
5. Candidate must write Name, Roll No., Date of Examination, Booklet Code and sign on the ORS.
6. The candidate should check that the booklet does not have any unprinted or torn or missing pages or questions etc. If so, get it replaced with another question paper.
7. While marking your answer on the ORS, fully darken the circle. Answer once marked cannot be changed.
8. One (1) mark will be awarded for each correct answer and minus one by three ($-\frac{1}{3}$) mark for each incorrect answer. The unanswered questions will not attract negative marks.
9. Return the ORS to the invigilator after the examination is over.
10. Candidate is allowed to take away question paper after the examination.
11. Mobile and other Electronic Gadgets are prohibited in the examination. Watches of any kind are also not allowed.
12. Use of unfair means in examination will lead to cancellation of candidature.

CORRECT Method of Answering in ORS ORS में उत्तर देने का सही तरीका	WRONG Method of Answering in ORS ORS में उत्तर देने का गलत तरीका
	

उम्मीदवारों के लिए अनुदेश

1. इस प्रश्नपत्र में 25 प्रश्न हैं। प्रत्येक प्रश्न के उत्तर के लिए चार (A, B, C, D) विकल्प हैं। प्रत्येक प्रश्नके लिए सही उत्तर (केवल एक) चुनें और उसे Optical Response Sheet (ORS) शीट पर चिह्नित करें।
2. द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेजी विवरण मान्य होगा।
3. ORS में दिए गए निर्देशों को ध्यान से पढ़ें।
4. केवल काले पेन का प्रयोग करें, अन्यथा ORS का मूल्यांकन नहीं किया जाएगा।
5. ORS शीट पर अपना नाम, रोल नंबर, परीक्षा की तिथि, पुस्तिका कोड लिखें और हस्ताक्षर करें।
6. उम्मीदवार को यह जांचना चाहिए कि इस पुस्तिका में कोई अमुद्रित या फटे या लापता पृष्ठ या प्रश्न आदि नहीं हैं। यदि ऐसा है, तो इसे एक नये प्रश्न पत्र से बदल लें।
7. ORS पर अपना उत्तर अंकित करते समय उस गोले को पूरी तरह से काला कर दें। एक बार अंकित उत्तर को बदला नहीं जा सकता।
8. प्रत्येक सही उत्तर के लिए एक (1) अंक प्राप्त होगा और प्रत्येक गलत उत्तर के लिए एक बटा तीन ($-\frac{1}{3}$) अंक घटा दिया जाएगा। अनुत्तरित प्रश्न नकारात्मक अंक आकर्षित नहीं करेंगे।
9. परीक्षा समाप्त होने के बाद ORS निरीक्षक को लौटा दें।
10. उम्मीदवार को परीक्षा के बाद प्रश्न पत्र अपने साथ ले जाने की अनुमति है।
11. परीक्षा में मोबाइल और अन्य इलेक्ट्रॉनिक गैजेट्स वर्जित हैं। किसी भी प्रकार की घड़ियों की भी अनुमति नहीं है।
12. परीक्षा में अनुचित साधनों के प्रयोग की स्थिति में उम्मीदवारी रद्द कर दी जाएगी।

(Objective type questions)
(वस्तुनिष्ठ प्रकार के प्रश्न)

Each question carries 1 mark
प्रत्येक प्रश्न के 1 अंक है

1. Which structure is called the pacemaker of the heart?

- A. AV node
- B. SA node
- C. Bundle of His
- D. Right atrium

2. Blood supply to the heart arises from

- A. Pulmonary artery
- B. Aorta
- C. Coronary sinus
- D. Intercostal artery

3. Unpaired branch of abdominal aorta is

- A. Renal artery
- B. Iliac artery
- C. Testicular artery
- D. Celiac artery

4. Umbilical cord contains

- A. 1 umbilical artery and 1 umbilical vein
- B. 2 umbilical arteries and 1 umbilical vein
- C. 1 umbilical artery and 2 umbilical veins
- D. 2 umbilical arteries and 2 umbilical veins

5. Ptyalin enzyme is also known as
- A. Salivary amylase
 - B. Pancreatic amylase
 - C. Lipase
 - D. Protease
6. Hypersecretion of glucocorticoids from adrenal gland can cause
- A. Addison's syndrome
 - B. Cushing's syndrome
 - C. Conn's syndrome
 - D. Down syndrome
7. Sound produced due to closure of atrioventricular valves is called
- A. S1
 - B. S2
 - C. S3
 - D. S4
8. Cranial nerves responsible for the gag reflex are
- A. 9th and 10th nerves
 - B. 9th, 10th and 11th nerves
 - C. 10th and 11th nerves
 - D. 11th and 12th nerves

9. Weil-Felix test done to diagnose
- A. Typhoid
 - B. Typhus
 - C. Diphtheria
 - D. Dengue
10. Most common causative organism for urinary tract infection is
- A. E. coli
 - B. S. aureus
 - C. S. pyogenes
 - D. K. pneumoniae
11. For pasteurization of milk by holder method, the temperature and time used are
- A. 72 °C for 15 min
 - B. 72 °C for 5 min
 - C. 63 °C for 30 min
 - D. 63 °C for 15 min
12. Which of the following is not a method of evaluation?
- A. Formative
 - B. Summative
 - C. Horizontal
 - D. Vertical

13. Posterior fontanelle closes at what age?
- A. 2nd month
 - B. 9th month
 - C. 18th month
 - D. 2 year
14. APGAR score ranges from
- A. 1 to 10
 - B. 0 to 10
 - C. 1 to 15
 - D. 3 to 15
15. Normal resting heartbeat of a newborn is
- A. 60-100/min
 - B. 72-100/min
 - C. 120-140/min
 - D. 140-160/min
16. The age at which head circumference equalised chest circumference is
- A. 6 months
 - B. 12 months
 - C. 18 months
 - D. 24 months

17. Immunity is transferred to the fetus from mother through placenta by
- A. IgG
 - B. IgM
 - C. IgE
 - D. IgA
18. A labour is precipitous when it completes within
- A. 1 hour
 - B. 3 hours
 - C. 7 hours
 - D. 10 hours
19. Last menstrual period of a woman is 14th July 2023. What would be her expected date of delivery (ED)?
- A. 21st April 2024
 - B. 7th April 2024
 - C. 14th April 2024
 - D. 7th April 2024
20. Postpartum hemorrhage is to be considered when the blood loss is more than
- A. 200 ml
 - B. 500 ml
 - C. 1000 ml
 - D. 2000 ml
21. Most important indicator of health status in India is
- A. Maternal Mortality Rate
 - B. Infant Mortality Rate
 - C. Neonatal Mortality Rate
 - D. Under 5 years mortality rate

22. Dryness of conjunctiva due to vitamin A deficiency is known as
- A. Keratomalacia
 - B. Xerophthalmia
 - C. Nyctalopia
 - D. Bitot's spot
23. Deficiency of fluorine causes
- A. Dental fluorosis
 - B. Skeletal fluorosis
 - C. Dental caries
 - D. Rickets
24. Lathyrism occurs due to intake of
- A. Green gram
 - B. Black gram
 - C. Khesari dal
 - D. Rajma
25. Nurses can set SMART goals. SMART is an acronym that stands for goals that are specific, measurable, _____, realistic, and happen within a specified time frame. Fill the blank with best option given below.
- A. Affordable
 - B. Achievable
 - C. Answerable
 - D. Avoidable