



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
सी ई एन नं. - 04/2024 - CEN No. - 04/2024



Test Date	28/04/2025
Test Time	9:00 AM - 10:30 AM
Subject	FIELD WORKER

* Note
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : General Ability

Q.1 Three numbers are in the ratio 2 : 3 : 4. If their LCM is 480, then their HCF is:

- Ans
- 1. 2
 - 2. 20
 - 3. 80
 - 4. 40

Q.2 Which of the following statements is CORRECT regarding the non- biodegradable substances?

- Ans
- 1. Non Biodegradable substances can enhance the soil fertility
 - 2. Non-biodegradable substances are fruits, vegetables, and other organic matter.
 - 3. Non-biodegradable materials cannot be break down through natural processes
 - 4. Non Biodegradable substances decompose easily in natural environment.

Q.3 Which of the following pairs of national parks and the major species protected (for which it is famous) is mismatched?

- Ans
- 1. Dachigam (Jammu and Kashmir) – Hangul and Musk Deer
 - 2. Dudhwa (Uttar Pradesh) – Elephants and Tiger
 - 3. Bandipur (Karnataka) – Rhino and Wild Buffalo
 - 4. Sundarbans (West Bengal) – Royal Bengal Tiger

Q.4 When was Project Tiger launched by the Government of India with an objective to conserve tiger population?

- Ans
- 1. 1980
 - 2. 1990
 - 3. 1973
 - 4. 1972

Q.5 Which of the following cities is associated with the tomb of Saint Salim Chisti?

- Ans
- 1. Ajmer
 - 2. Fatehpur Sikri
 - 3. New Delhi
 - 4. Sasaram

Q.6	Which of the following is NOT correct regarding the hormones and their functions?
Ans	1. Growth Hormone produced by the pituitary gland, it stimulates growth 2. Adrenaline produced from adrenal glands stimulates pituitary gland to release hormones 3. Thyroxine produced by the thyroid gland, it regulates metabolism 4. Insulin produced by the pancreas, it regulates blood sugar levels
Q.7	Which of the following tissue is responsible for movement in our body?
Ans	1. Connective tissue 2. Epithelial tissue 3. Nervous tissue 4. Muscle tissue
Q.8	CE 15 is related to GI 17 in a certain way. In the same way, NP 23 is related to RT 25. To which of the following is HJ 37 related to following the same logic?
Ans	1. LM 39 2. KM 41 3. LN 39 4. LN 41
Q.9	The uterus opens into the vagina through the _____.
Ans	1. Ovary 2. Oviduct 3. Cervix 4. Vas deferens
Q.10	Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) 4 – 9 – 81 – 96; 2 – 7 – 49 – 64
Ans	1. 3 – 8 – 64 – 74 2. 9 – 13 – 169 – 184 3. 6 – 11 – 121 – 136 4. 8 – 13 – 181 – 196
Q.11	Which Indian startup, backed by Google, successfully launched the country's first private satellite constellation in January 2025, aiming to provide advanced hyperspectral imaging services?
Ans	1. Dhruva Space 2. Pixxel 3. Agnikul Cosmos 4. Skyroot Aerospace

Q.12	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern. CRK : EVM MIW : OMY
Ans	1. ZBP : BFR 2. XTJ : ZYL 3. ODU : QIX 4. LFY : NKB
Q.13	In a certain code language, 'A + B' means 'A is the mother of B', 'A – B' means 'A is the father of B', 'A × B' means 'A is the sister of B' and 'A ÷ B' means 'A is the husband of B'. How is A related to E if 'A – B ÷ C + D × E'?
Ans	1. Brother's daughter 2. Mother's brother 3. Father's father 4. Mother's mother
Q.14	If the radii of curvature of two spherical mirrors are 2X and 4Y (X and Y are distances), what is the ratio of their focal lengths?
Ans	1. X/Y 2. X/2Y 3. 2X/5Y 4. 2X/Y
Q.15	What is the role of a commutator in a DC motor?
Ans	1. To increase resistance 2. To provide a constant voltage 3. To reverse the direction of current in the coil 4. To decrease friction
Q.16	Due to water crisis 10% of the initial population left the town and 40% of the remaining left the town for pursuing job. If presently 3510 people inhabit the town, what is the ratio of initial population to present population?
Ans	1. 50:27 2. 53:33 3. 55:34 4. 54:28
Q.17	Which of the following is NOT a primary objective underlying the Directive Principles of State Policy in India?
Ans	1. Providing a framework for reducing inequalities in income through state intervention 2. Guaranteeing an individual's right to property as an inalienable fundamental right 3. Establishing a welfare state that promotes social and economic justice 4. Guiding the state in formulating policies for the upliftment of the people
Q.18	Which of the following conditions would result in the fastest evaporation of water from an open container?
Ans	1. Low humidity, low temperature and moving air 2. High humidity, low temperature and still air 3. Low humidity, high temperature and moving air 4. High humidity, high temperature and still air

Q.19	The AMCA, showcased at Aero India 2025, belongs to which generation of fighter jets?
Ans	1. 5.5th Generation 2. 5th Generation 3. 4th Generation 4. 4.5th Generation
Q.20	In which of the following is a concave mirror NOT used?
Ans	1. Torches 2. Vehicle headlights 3. Search lights 4. Rear view mirrors in vehicles
Q.21	Post 1991, industrial licensing was abolished for most sectors in India but for a few product categories, the licensing still remained compulsory, such as ____.
Ans	1. cloth processing and handloom industries 2. alcohol, cigarettes and hazardous chemicals 3. agricultural machinery and rural products 4. textiles, steel and automobiles
Q.22	If the volume of cube is 110592 m³, then find the total surface area of cube in m².
Ans	1. 13855 2. 13864 3. 13824 4. 13833
Q.23	Who is the editor of the book 'Jammu, Kashmir, and Ladakh Through the Ages' of the Indian Council of Historical Research (ICHR)?
Ans	1. Ramachandra Guha 2. Raghuvendra Tanwar 3. Amitav Ghosh 4. Shashi Tharoor
Q.24	A and B can together complete a piece of work in 30 days. They worked together for 20 days and then A left. After another 15 days, B completed the remaining work. In how many days can B complete the entire work alone?
Ans	1. 54 2. 50 3. 60 4. 45
Q.25	Under which Article of the Indian Constitution is the Election Commission of India established, and what is one of its primary functions?
Ans	1. Article 326; to oversee local government elections in India 2. Article 324; to conduct free and fair elections in India 3. Article 320; to prepare the electoral rolls 4. Article 330; to appoint the Chief Election Commissioner only
Q.26	Who among the following set up a network of revolutionaries spanning Punjab, Uttar Pradesh and Delhi areas during the extremist phase of the Indian National Movement?
Ans	1. Rasbehari Bose and Sachindranath Sanyal 2. Chandrashekhar Azad and Bhagat Singh 3. Khudiram Bose and Prafulla Chaki 4. Lala Lajpat Rai and Bal Gangadhar Tilak

Q.27	A scientist prepares four different solutions and measures their pH values: Solution P: pH = 3 Solution Q: pH = 7 Solution R: pH = 9 Solution S: pH = 13 Which of the following statements is correct regarding the nature of these solutions?
Ans	1. Solution P is acidic, while solution S is strongly basic. 2. Solution Q is neutral, while solution R is a highly acidic. 3. Solution R is neutral, while solution Q is slightly basic. 4. Solution P is neutral, while solution S is highly acidic.
Q.28	Tarun and Varun move towards town B starting from town A, at a speed of 44 km/h and 66 km/h respectively. If Varun reaches town B 100 minutes earlier than Tarun, what is the distance between towns A and B?
Ans	1. 216 km 2. 220 km 3. 211 km 4. 218 km
Q.29	Why does a solution of ethanoic acid turn blue litmus red?
Ans	1. It is a salt. 2. It is neutral. 3. It is an acid. 4. It is a base.
Q.30	Seven friends, A, B, C, D, E, F and G, are sitting in a row facing north (necessarily not in the same order). C sits to the immediate right of D. Exactly five people sit between B and A. E sits to the immediate right of B. Only G sits between E and F. How many people sit between D and E?
Ans	1. Two 2. One 3. None 4. Three
Section : Professional Ability	
Q.1	What is the main cause of blindness in trachoma ?
Ans	1. Retinopathy 2. Skin lesion 3. Corneal scarring 4. Nerve damage
Q.2	Which of the following measures is taken while doing per vaginal examination to avoid infection?
Ans	1. Applying vaginal creams 2. Do not empty the bladder 3. Wear sterile pair of gloves 4. Use vaginal douches
Q.3	Which of the following is a viral disease of the salivary glands ?
Ans	1. Whooping cough 2. Diphtheria 3. Mumps 4. Croup

Q.4	Which among the following is the female sterilization method?
Ans	1. Norplant 2. Tubectomy 3. Diaphragm 4. Vasectomy
Q.5	Which is the innermost fetal membrane?
Ans	1. Amnion 2. Decidua 3. Chorion 4. Myometrium
Q.6	Which postnatal complication can occur due to improper hygiene ?
Ans	1. Post partum haemorrhage 2. Mastitis 3. Vaginal tear 4. Postpartum depression
Q.7	What is the primary purpose of quarantine ?
Ans	1. To provide medical treatment for those who are ill 2. To punish individuals who have been exposed to a disease 3. To identify individuals who are sick 4. To prevent the spread of contagious disease
Q.8	The “ corona” in corona virus means
Ans	1. Strong 2. Beer 3. Sun 4. Crown
Q.9	What is the route of administration of DPT vaccine among Infants ?
Ans	1. Oral 2. ID 3. IM 4. SC
Q.10	Which of the following measures is best to be followed when a person is having allergic rhinitis?
Ans	1. Identifying and avoiding allergens 2. Rubbing the nose and face 3. Using decongestant 4. Exposure to heat
Q.11	Which one of the following is an objective of antenatal care ?
Ans	1. To facilitate cultural beliefs about birth 2. To identify and prevent perinatal mortality and morbidity 3. To facilitate non- institutional deliveries 4. To encourage unwanted birth

Q.12	Hyperpigmented discolouration of facial skin during pregnancy is called:
Ans	1. Striae gravidarum 2. Linea Nigra 3. Pruritus 4. Chloasma
Q.13	The assessment of a family's nutritional needs should take into account:
Ans	1. age, ethnicity, weight, religion and social status 2. age, height and weight 3. physiological needs, religion, cultural and age-related needs, requirements and requests 4. age, ethnicity, weight and social status
Q.14	What is the correct order of hand washing steps ?
Ans	1. Scrub, wet hands, apply soap, rinse, dry 2. Wet hands, apply soap, scrub, rinse, dry 3. Wet hands, scrub, apply soap, rinse, dry 4. Apply soap, wet hands, scrub, rinse, dry
Q.15	Which of the following is NOT a common symptom of acute respiratory infections ?
Ans	1. Fever 2. Stomach ache 3. Runny Nose 4. Sore Throat
Q.16	Which of the following is a component of the pentavalent vaccine ?
Ans	1. Measles 2. Rubella 3. Polio 4. Hepatitis B
Q.17	Peer group influence on behavioural pattern is observed among which group of people?
Ans	1. Infants 2. Old aged 3. Adolescents 4. Toddlers
Q.18	Why are couples with 2-3 living children considered a target couple in family planning programme?
Ans	1. They are a priority group for family planning services 2. They have a higher risk of unwanted pregnancies 3. They are susceptible to STDs 4. They are more likely to accept and utilise family planning services
Q.19	Which of the following population are mostly affected by measles ?
Ans	1. Adolescents 2. Infant and young children 3. Old age 4. Young adults

Q.20	Which of the following methods can be used for obtaining Vital statistics ?
Ans	1. Registration method 2. Dependency ratio 3. Crude death rate 4. Crude birth rate
Q.21	A nuchal translucency (NT) scan helps in detecting which of the following ?
Ans	1. Placenta previa 2. Polyhydramnios 3. Abuptio placenta 4. Down's syndrome
Q.22	During which stage of the natural history of disease do individuals exhibit symptoms and seek medical care ?
Ans	1. Preclinical stage 2. Acute stage 3. Clinical stage 4. Subclinical stage
Q.23	Which of the following medications is routinely administered to a newborn?
Ans	1. Ceftriaxone 2. Vitamin K 3. Vitamin B12 4. Aspirin
Q.24	How often sanitary pads or menstrual cups are changed to maintain hygiene during menstruation?
Ans	1. Every 2-3 hours 2. Every 8-10 hours 3. Every 4-6 hours 4. Only when they are full
Q.25	A 32-week pregnant patient presents with painless vaginal bleeding and is suspected of having placenta praevia. Which procedure is most appropriate to confirm the diagnosis safely?
Ans	1. Digital or speculum examination 2. Ultrasound 3. External fetal monitoring 4. Amniocentesis
Q.26	What is the primary advantage of demand feeding?
Ans	1. It allows the mother to easily plan her day around feeding times 2. It ensures the baby gets exactly the same amount of milk at each feeding 3. It promotes a healthier milk supply by responding to the baby's needs 4. It helps to establish a predictable sleep schedule
Q.27	The epidemiologic triad of disease causation refers to
Ans	1. Agent , Host, Environment 2. John Snow, Robert Koch, Kenneth Rothman 3. Time, place, person 4. Source, mode of transmission, susceptible host

Q.28	What is the timing of insertion of PPIUCDs after normal vaginal delivery?
Ans	1. Within 48 hours 2. Within 1 week 3. Within 10 days 4. After 4 weeks
Q.29	When planning for the nutritional needs of people in a family, one must understand that the age group with the highest energy requirement is:
Ans	1. 3 to 5 years 2. over 65 years 3. birth to 1 year 4. 13 to 19 years
Q.30	What is the recommended timing for the Tdap vaccine during pregnancy?
Ans	1. First trimester 2. Second trimester 3. As soon as after confirming pregnancy 4. Between 27 and 36 weeks of pregnancy
Q.31	Which among the following is a danger sign of Pre eclampsia?
Ans	1. Oliguria 2. Pyrexia 3. Nausea ,vomiting 4. Itching
Q.32	Which hormonal method of contraception is safe for breastfeeding women?
Ans	1. Vaginal Rings 2. Hormonal Patches 3. Combined pills 4. Progestin-only Pill
Q.33	Which among the following is the management protocol in Cord Prolapse?
Ans	1. Inform the mother to be in side lying position 2. To lift the presenting part off the cord by the gloved finger 3. Try to replace the cord 4. Allow the mother to walk
Q.34	In iceberg phenomena of disease, the visible part of the iceberg above the water indicates:
Ans	1. Sub-clinical cases 2. Carriers 3. Asymptomatic infections 4. Clinical cases
Q.35	Endometrium of the pregnant uterus is called:
Ans	1. Trophoblast 2. Decidua 3. Blastomere 4. Chorionic plate

Q.36	The placenta is originated from:
Ans	1. Decidua capsularis 2. Chorionic frondosum 3. Decidua vera 4. Inner cell mass
Q.37	What is the common major complication of retained placental fragments ?
Ans	1. Postpartum depression 2. Rupture of uterus 3. Post partum haemorrhage 4. Uterine prolapse
Q.38	Which of the following vaccines is given at birth to protect against TB?
Ans	1. OPV 2. DPT 3. MR 4. BCG
Q.39	Which of the following populations is most likely to have a longer preclinical stage for a given disease ?
Ans	1. Children 2. Individuals with compromised immune systems 3. Pregnant women 4. Older adults
Q.40	What is the primary goal of family planning programme in relation to target couples?
Ans	1. To encourage couples to have more children 2. To improve the health of women and children 3. To reduce the number of births 4. To provide couples with access to family planning services
Q.41	Which among the following factors leads to post-traumatic stress disorder among individuals ?
Ans	1. Cultural factor 2. Social factor 3. Personal experience 4. Genetic factor
Q.42	What is the primary symptom of rubella?
Ans	1. Severe headaches 2. High fever 3. Vomiting 4. Maculo papular rash
Q.43	Which of the following screening tests helps in identifying Gestational diabetes?
Ans	1. CST 2. BSE 3. GCT 4. NST

Q.44	What is the causative agent of leprosy?
Ans	1. Bordetella pertussis 2. Mycobacterium tuberculosis 3. Mycobacterium leprae 4. Streptococcus pyogenes
Q.45	If the gap between pregnancies is less than 3 years how many Td booster doses are required ?
Ans	1. Two 2. Three 3. Zero 4. One
Q.46	Which of the following can be prevented by screening?
Ans	1. Cancer of Prostate 2. Cancer of Lungs 3. Cancer of Breast 4. Cancer of Cervix
Q.47	Highest part of the uterus that is fundus become palpable per abdomen from which gestational week onwards ?
Ans	1. 6 weeks 2. 24 weeks 3. 12 weeks 4. 18 weeks
Q.48	In managing a patient on her second postpartum day, which type of Lochial discharge you should expect?
Ans	1. Lochia alba 2. Lochia rubra 3. Lochia serosa 4. Lochia metra
Q.49	Infectious disease is defined as
Ans	1. A disease that is transferred through genes 2. A disease that transmits when people communicate through phone 3. A disease that transmits from chromosomes 4. A disease that can transfer from person to person
Q.50	Which of the following heart valves is most commonly affected in rheumatic heart disease ?
Ans	1. Mitral valve 2. Tricuspid valve 3. Aortic valve 4. Pulmonary valve
Q.51	Which of the following factors is necessary for a healthy person?
Ans	1. Regular exercise 2. Eating processed food 3. Sleeping too late 4. Skipping meals

Q.52	Which one of the following measure is taken to reduce the risk of Preterm labour?
Ans	1. Skipping meals 2. Avoiding infections 3. Consuming over the counter drugs for minor ailments management 4. Doing strenous Exercise
Q.53	Roll-over test is done to detect which of the following gestational disorders?
Ans	1. Thyroid disorders 2. Anaemia 3. Hyperemesis gravidarum 4. Pre-eclampsia
Q.54	Embryonic period is considered between:
Ans	1. 14-16 weeks 2. 16-20 weeks 3. 4-8 weeks 4. 8-12 weeks
Q.55	What is the formula to calculate mortality rate?
Ans	1. (No.of deaths/number of births)X 100 2. (No.of deaths/total population)X 100 3. (No.of deaths/ Total population)X 10 4. (No.of deaths/total population)X 1000
Q.56	Which is the drug of choice in the management of eclampsia ?
Ans	1. Clonazepam 2. Carbamazpine 3. MgSO4 4. Valporic acid
Q.57	The cluster of cells which resemble mulberry after fertilization is called:
Ans	1. Blastocyst 2. Zygote 3. Trophoblast 4. Morula
Q.58	Which type of viral hepatitis is transmitted through contaminated food and water ?
Ans	1. Hepatitis D 2. Hepatitis A 3. Hepatitis C 4. Hepatitis B
Q.59	Which type of nutrition education is given to a patient diagnosed with diabetes mellitus?
Ans	1. Low fibre diet 2. High sugar intake 3. Consistent carbohydrate consumption 4. Irregular meal timing

Q.60	Good infection prevention and control measures are aim to protect which of the following groups of people ?
Ans	1. Patient ,Health workers , Family members and public 2. Only patients 3. Only Family members 4. Only health workers
Q.61	Which of these is NOT a common COVID -19 symptom?
Ans	1. A cough 2. Blurred vision 3. Unusual fatigue 4. Inability to taste and smell
Q.62	At what age is the MR vaccine typically administered ?
Ans	1. 12 months 2. 9 months 3. 12 weeks 4. 6 weeks
Q.63	What is the chest compression and breath ratio in neonatal resuscitation?
Ans	1. 1:5 2. 1:3 3. 3:2 4. 3:1
Q.64	Which of the following are considered vital events?
Ans	1. Economic activities in a region 2. Political events in a country 3. Natural disasters 4. Births ,deaths ,marriages and divorces
Q.65	Which of the following environmental factors can significantly impact health?
Ans	1. Family history 2. Personal belief 3. Diet and exercise 4. Air and water quality
Q.66	Which among the following behavioural patterns is reflected during the infancy period?
Ans	1. Social skills and imagination 2. Basic emotional expression and interaction with familiar faces 3. Identity formation and peer influence 4. More independent and expressive
Q.67	Which of the following nutrients is needed to build and maintain structural components of the body?
Ans	1. Carbohydrates 2. Fat 3. Minerals 4. Proteins

Q.68 Which is the most common cause of blindness in India according to the survey?

- Ans**
- 1. Refractive errors
 - 2. Glaucoma
 - 3. Cataract
 - 4. Corneal opacity

Q.69 At 16-24 months of age, which of the following booster dose of vaccine is given?

- Ans**
- 1. Rotavirus
 - 2. Hepatitis B
 - 3. Measles
 - 4. DPT

Q.70 How does the Multi-Load 375 intrauterine device act?

- Ans**
- 1. Stimulation of hormone release
 - 2. Stimulation of ovulation
 - 3. Increasing fertility capacity of sperm
 - 4. Spermicidal effect