

पूर्व तट रेलवे / East Coast Railway

मंडल /Khurda Division

Question paper for assessment of suitable for compassionate appoint in Group 'C' post
under graduate level

स्नातक स्तर पर ग्रुप 'सी' पद पर अनुकंपा नियुक्ति के लिए उपयुक्तता के आकलन के लिए प्रश्न पत्र

Total Marks - 100

Date: 12.08.2024

कुल अंक - 100

दिनांक:

12.08.2024

Total Section - 04 (Four)

Time: 90 Minutes

कुल खंड - 04 (चार)

समय:

90 मिनट

Please read below mentioned instructions carefully and in case of any ambiguity and confusion, English version to be followed.

कृपया नीचे दिए गए निर्देशों को ध्यान से पढ़ें और किसी भी अस्पष्टता और भ्रम की स्थिति में, अंग्रेजी संस्करण का पालन करें।

Section-A: General Awareness - 20 marks (Each question 1 mark, Total 20 questions)

खंड-ए: सामान्य जागरूकता - 20 अंक (प्रत्येक प्रश्न 1 अंक, कुल 20 प्रश्न)

Section-B: General Intelligence and Reasoning -25 Marks (Each question 1 mark, Total 25 questions)

खंड-बी: सामान्य बुद्धि और तर्क -25 अंक (प्रत्येक प्रश्न 1 अंक, कुल 25 प्रश्न)

Section-C: Arithmetic - 25 Marks (Each question 1 mark, Total 25 questions)

खंड-सी: अंकगणित - 25 अंक (प्रत्येक प्रश्न 1 अंक, कुल 25 प्रश्न)

Section-D: Descriptive - 30 marks Total 08 questions of 5 Marks each. Candidate must answer any 06 (six) questions only.

खंड-डी: वर्णनात्मक - 30 अंक कुल 08 प्रश्न, प्रत्येक 5 अंक। उम्मीदवार को केवल 06 (छह) प्रश्नों का उत्तर देना होगा।

Section - A

खंड-ए

PART -A

(General Knowledge)

1. Who among the following is the Minister of External Affairs in India?
a) Sushma Swaraj b) S M Krishna
c) Anurag Thakur d) S. Jayashankar
2. "Nuakhai" is a social festival belongs to which part of Odisha?
3. ISRO Stands for?
4. The "Rihand" River valley project is in which state of India?
a) Himachal Pradesh b) Haryana c) Uttar Pradesh d) Assam
5. Who among the following activists actively participated in the campaign against the Narmada Valley Project?
a) Aruna Roy b) Medha Patkar c) Vidyaben Shah d) None of these
6. "Super Over" is played in which format of Cricket?
7. _____ results in the formation of zygote?
a) Pollination b) Fertilization c) Transpiration d) Photosynthesis
8. _____ secretes bile in human digestive system?
9. Which Veda mentions about Music?
10. Which metal is used for making the filament of a light bulb?
11. Who is the Zonal Head of a Railway?
12. Which is the World's longest Railway?
13. Which State in India has no Railway Station?
14. Largest State in India by area is _____?
15. First lady IPS Officer in India is _____?
16. The Member of Upper House is elected for how many years?
17. Which State has the maximum number of Lok Sabha seats?
18. Who is the 15th President of India?
19. Indian Sports star created history by winning two medals in Paris Olympics is _____?
20. The duration to sing our National Anthem is _____?

PART - B

(General Intelligence & Reasoning)

1. If East becomes North-East, then what will West becomes?
a) South East b) South West c) North West d) North East
2. If in a code TRUCK is written as RPSAI, how will TOOL be written as in that Code"
a) JMRJ b) RJKM c) RMMJ d) RMJM
3. Padma is the sister of Sures's mother. How is Padma related to Suresh?
a. Grand Mother b. Mother c. Sister d. Aunt
4. Find the next letter set in the given series CV, ET, HQ,.....?
a. LM b. LG c. MX d. LK
5. Read the given statements and conclusions carefully and select which of the conclusions logically follows from the statements.

Statement: I. All pigs are white
 II. Some white are peacock
Conclusion: a. Some peacock are pigs
 b. Some white are peacock

1. Both a & b 2. Neither a nor b 3. Conclusion b 4. Conclusion a
6. Which alpha numeric set will follow in the given series:12E, 15B, 18Y, 21V,..... ?
a. 20V b. 25G 3. 21S 4. 28T
7. Nikita walks 2kms towards West, turns right and walks 1km. Again she turns right and walks 2kms. She again turns right and walks 2kms. How far is she from her starting point?
a. 1km b. 2km c. 5km d. 4km
8. If LIT is coded as 12920, then what is the code for THAT?
a. 205120 b. 206120 c. 208120 d. 207120
9. The next number in the sequence- 2, 8, 18, 32, 50,..... ?
a. 68 b. 72 c. 76 d. 80

10. Which three numbers have the same answer whether they are added or multiplied together"

- a. 4, 5, 6 b. 7, 8, 9 c. 2, 3, 5 d. 1, 2, 3

11. Find out the odd one?

- a. Flute b. Violin c. Guitar d. Sitar

12. Find out the odd one?

- a. JKOP b. MNST c. CABD d. OPWX

13. Psychology: Human Being :: Ornithology.....?

- a. Birds b. Volcanoes c. Insects d. Reptiles

14. EGIK : FHJL :: MOQS.....?

- a. LNOQ b. NPRT c. KMOQ d. MPTR

15. Arrange the following words as per order in dictionary.

1. Organ 2. Origin 3. Orient 4. Organic 5. Organize

- a. 1,5,3,4,2 b. 1,5,4,2,3 c. 1,4,5,3,2 d. 1,4,5,2,3

16. From the given alternatives, select the word which cannot be formed using the letters of the given word – "CHRONOLOGICAL"

- a. CALL b. LOGIC c. CALICO d. ANALOGY

17. If HOUSE is written as FQSUC, then how can CHAIR be written in the code.

- a. DIBJS b. SBJID c. SHBGD d. AJYKP

18. If P denotes Division, Q denotes Multiplication, R denotes Addition and S denotes Subtraction, then what is the value of – "18Q12P4R5S6".

- a. 64 b. 53 c. 81 d. 24

19. A is the sister of B. B is married to D. Both B and D have daughter G. How G is related to A?

- a. Sister b. Daughter c. Niece d. Cousin

20. Find the missing number in the series- 43, 172, 86, 344,.....?

- a. 172 b. 258 c. 129 d. 430

21. Choose the word does not belong to..... ?

- a. River b. Sea c. Lake d. Pool e. Ocean

22. Cow is to Milk as Orange is to.....?

- a. Juice b. Apple c. Soda d. Coffee e. Pear

23. Which month is 5th months after March?

- a. May b. June c. July d. August e. September

24. Sunscreen : Sunburn : : Vaccination : _____.

- a. Doctor b. Patient c. Needle d. Disease

25.

Statements:-

All books are papers.
All papers are trees.

Conclusions:

- I. All books are trees.
II. All trees are books.

Options:

- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Both conclusions I and II follow
(D) Neither conclusion I nor II follows

PART - C

(Arithmetic)

1. The largest six digit number exactly divisible by 243 is _____?
a. 999947 b) 999945 c) 999949 d) 999943
2. If $3x + y = 12$ and $xy=9$, then the value of $(3x-y)$ is _____?
a. 6 b) 5 c) 3 d) 4
3. The sum of two numbers is 25 and their difference is 13. Find their product?
a. 204 b. 114 c. 315 d. 325
4. Kartik bought a toy for Rs.180 and sold it for Rs.202.50. The rate of profit was _____%?
a. 15.25 b. 12.50 c. 16 d. 17.50
5. If you invest Rs.100 at 40% annual interest compounded quarterly, how much will you receive after one year?
a. 145.61 b. 146.41 c. 149.01 d. 148.11
6. The ratio of the present ages of Naresh and Suresh is 7:3. Three years from now, the ratio of their ages will be 2:1. The current age of Naresh is _____ years.
a. 14 b. 15 c. 21 d. 9
7. What is the square root of 5476?
a. 84 b. 76 c. 74 d. 66
8. The sum of the present ages of two cousins is 54 years. Eleven years ago, the older one was thrice as old as the younger one. What is the present age of the older cousin?
a. 36 b. 34 c. 32 d. 35
9. Find the time taken by a train 200 meter long running at a speed of 60 km/hr to cross a signal post?
a. 14 sec b. 1 min c. 30 sec d. 12 sec
10. Inclusive of a profit of 16%, Rishi sold a pair of footwear for Rs.2059. What was the cost price of the pair of shoes?
a. 1780 b. 1775 c. 1760 d. 1800

11. The product of two numbers is 60 and the sum of their squares is 169, then what is the sum of these two numbers?
- a. 17 b. 15 c. 19 d. 25
12. The sum of three consecutive multiples of 5 is 285. Find the largest number?
- a. 75 b. 100 c. 120 d. 90
13. In a class of 100 students, 50 students passed in Mathematics and 70 passed in English, 5 students failed in both mathematics & English. How many students passed in both the subjects?
- a. 50 b. 40 c. 35 d. 25
14. 'A' can complete a work in 20 days, while 'B' can complete the same work in 25 days. Both worked together for 10 days and then 'C' alone completed the remaining work in 10 days. In how many days will A, B & C together complete the same work?
- a. 5 b. 12 c. 8 d. 10
15. A tap can fill the cistern in 8 hrs and another tap can empty it in 16 hrs. If both taps are opened, the time (in hrs) taken to fill the tank will be?
- a. 8 hrs b. 10 hrs c. 16 hrs d. 24 hrs
16. A is 150% of B and B is 40% of C. If $A+B+C=20$, then the value of $2B+3C-4A$ will be?
- a. 16 b. 15 c. 20 d. 14
17. The population of town increased by 15% in 2018 and 10% in 2019. Due to pandemic, it decreased by 10% in 2020. What was the percentage increase in the population of the town in 3 years?
- a. 12.5% b. 17.5% c. 15% d. 13.85%
18. What is the greatest five digit number that is completely divisible by 8, 15, 16, 21, & 5 is _____?
- a. 95760 b. 98320 c. 99120 d. 92680
19. If the nine digit number 8475639AB is divisible by 99, then what is value of A & B?
- a. 4 & 6 b. 4 & 8 c. 3 & 9 d. 5 & 3
20. The sum of the squares of the sides of a Rhombus is 1600 Sq.cm. What is the side of the Rhombus?
- a. 10cm b. 15cm c. 20cm d. 25cm

21. The radius of a sphere is 9cm. It is melted and drawn into a wire of radius 0.3 cm. The length of the wire is?
- a. 112m b. 108m c. 111m d. 106m
22. A man rows 40km upstream in 8 hrs and a distance of 36 km downstream in 6 hrs. Then speed of stream is?
- a. 0.5 km/hr b. 1.5 km/hr c. 1 km/hr d. 3 km/hr
23. Ratio between A & B is 6:5 and ratio between B & C is 2:3. What is the ratio between A & C?
- a. 3:2 b. 5:3 c. 5:4 d. 4:5
24. $36\% \text{ of } 4800 \times 0.2\% \text{ of } 1320 = ?$
- a) 4535.52 b) 4551.36 c) 4561.92 d) 4572.48
25. If 35 % of X is 735, then 80 % of x is?
- a. 1680 b. 880 c. 780 d. 1080

PART - D
(DESCRIPTIVE)

WRITE SHORT NOTE ON ANY FIVE

1. INDIA PERFORMANCE AT OLYMPICS
2. ODISHA – INDIA'S HIDDEN SECRET
3. WOMEN EMPOWERMENT IN INDIA
4. CLIMATE CHANGE
5. FAMILY IS THE FOUNDATION OF SOCIETY
6. CORRUPTION ENEMY OF PROGRESS

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