Test Booklet No. $\qquad$
This booklet consists of $\mathbf{1 0 0}$ questions and $\mathbf{1 3}$ printed pages.

RGUCET 2024

## Common Entrance Test, 2024

## POST GRADUATE DIPLOMA (TOURISM MANAGEMENT)

Full Marks: 100
Time: 2 Hours

Roll No.


Day and Date of Examination:

Signature of Invigilator(s) $\qquad$

Signature of Candidate $\qquad$

General Instructions:

## PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 100 Multiple Choice Questions (MCQs) from the concerned subject. Each question carries 1 mark. There shall be negative marking of 0.25 against each wrong attempt.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall after the commencement of the entrance test or leave the examination hall within one hour thirty minutes.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy.

| 1 | Identify the sentences from below that have finite verbs: <br> A) Paul runs to work every day. <br> B) They have run away together. <br> C) Tim gave Paul a menacing look. <br> D) Katie was watching TV when the phone rang. |  |  |  | (d) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | a) Only A | b) A \& B | c) B \& D | d) A \& C | A \& C |
| 2 | Identify the sentences from below that have non-finite verbs: <br> A) It took courage to continue after the accident. <br> B) Leaving home can be very traumatic. <br> C) Leave immediately when you are asked to do so. <br> D) My sister spoke French on holiday |  |  |  | (b) |
|  | a) A, B, \& C | b) B, C, \& D | c) A, B, \& D | d) B \& D | B, C, \& D |
| 3 | Match the antonyms of the words mentioned: |  |  |  |  |
|  | A. Terrible |  | i. None |  |  |
|  | B. Glory |  | ii. Debasement |  | (b) |
|  | C. Frugal |  | iii. Soothing |  |  |
|  | D. All |  | iv. Extravagant |  |  |
|  | a) A-i, B-ii, C- <br> iii, D-iv | b) A-iii, B-ii, Civ, D-i | c) A-ii, B-iv, C- <br> i, D-iii | d) A-iv, B-iii, C- i, D-ii | $\begin{gathered} \text { A-iii, B-ii, } \\ \text { C-iv, D-i } \end{gathered}$ |
| 4 | Match the synonyms of the words mentioned: |  |  |  |  |
|  | A. Foster |  | i. List |  |  |
|  | B. Germinate |  | ii. Nurturing |  | (c) |
|  | C. Enumerate |  | iii. Letter |  |  |
|  | D. Epistle |  | iv. Sprout |  |  |
|  | a) A-i, B-ii, C- iii, D-iv | b) A-iii, B-ii, Civ, D-i | c) A-ii, B-iv, C- <br> i, D-iii | d) A-iv, B-iii, C- i, D-ii | $\begin{aligned} & \text { A-ii, B-iv, } \\ & \text { C-i, D-iii } \end{aligned}$ |
|  | Read the following passage and answer the question that follows: <br> "Sarah loved to visit her grandmother's house in the countryside. The house was surrounded by tall oak trees and a beautiful garden filled with colourful flowers. Every morning, Sarah would wake up early to help her grandmother water the plants and pick fresh vegetables for breakfast. One of her favourite activities was reading books in the cozy nook by the fireplace, especially on rainy days. " |  |  |  |  |
| 5 | Identify the prepositional phrase(s) in the passage. <br> A) in the countryside <br> B) Sarah loved to visit <br> C) pick fresh vegetables for breakfast <br> D) especially on rainy days |  |  |  | (a) |
|  | a) Only A | b) Only B | c) Only C | d) Both A \& B | Only A |
| 6 | Identify the sentence(s) from below that is/are in direct speech: <br> A) Rohit said to him, "What's the matter?" <br> B) He said he had finished. <br> C) She said she had to go. <br> D) Heena asked if we should start. |  |  |  | (a) |
|  | a) Only A | b) Both A \& B | c) Both C \& D | d) All of these | Only A |
| 7 | Identify the sentence(s) from below that is/are in indirect speech: <br> A) The father said to his son, 'Go and pay your fee at once.' <br> B) Ram informed me that he was studying for her exams. <br> C) Rohit said, "I can swim in deep waters". <br> D) He said he would be there at 4 p.m. |  |  |  | (b) |


|  | a) Only B | b) Both B \& D | c) Only D | d) Both A \& B | $\begin{aligned} & \text { Both B \& } \\ & \text { D } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | Match the following subjects with the correct verb forms: |  |  |  | (d) |
|  | A) He |  | i) are |  |  |
|  | B) They |  | ii) has |  |  |
|  | C) We |  | iii) walks |  |  |
|  | D) The dog |  | iv) walk |  |  |
|  | a) A-ii, B-i, C- iv D-iii | $\begin{aligned} & \text { b) A-iii, B-ii, C-i, } \\ & \text { D-iv } \end{aligned}$ | c) A-iii, B-iv, C-ii, D-i | d) A-iii, B-iv, C- <br> i, D-ii | $\begin{aligned} & \hline \text { A-iii, B-iv, } \\ & \text { C-i, D-ii } \end{aligned}$ |
| 9 | Read the following statement and respond with the correct alternative. Articles ("a," "an," "the") can only be used before singular nouns. |  |  |  | (b) |
|  | a) True | b) False | c) Depends on the context | d) Articles are never used with nouns | False |
| 10 | What is the best determiner to fill the blank? We need $\qquad$ milk for the recipe, but I don't know if we have any. |  |  |  | (d) |
|  | a) an | b) a | c) the | d) some | some |
| 11 | Who does the possessive pronoun "its" refer to in the passage? The old house sat perched on the cliff, its windows boarded shut like vacant eyes. |  |  |  | (c) |
|  | a) The windows | b) The cliff | c) The house | d) The people | The house |
| 12 | Choose the sentence with the correct use of a semicolon: <br> A) I have a big test tomorrow; because I have to study, I can't go out tonight. <br> B) I have a big test tomorrow; I can't go out tonight. <br> C) I have a big test tomorrow; and I need to get plenty of rest. <br> D) I have a big test tomorrow; but I still might go out tonight. |  |  |  | (b) |
|  | a) A | b) B | c) C | d) D | B |
| 13 | Which sentence uses the correct form of the verb? <br> A) She don't like eating vegetables. <br> B) He go to the gym every morning. <br> C) They has finished their homework. <br> D) We are going to the park later. |  |  |  | (d) |
|  | a) A | b) B | c) C | d) D | D |
| 14 | Match the following types of questions with their descriptions: |  |  |  |  |
|  | Type of question |  | Description |  |  |
|  | A. Factual | i. Tests your knowledge of basic information. |  |  |  |
|  | B. Inferential | ii. Asks you to examine information and identify its parts or relationships. |  |  | (a) |
|  | C. Analytical | iii. Requires you to judge the value or effectiveness of something. |  |  |  |
|  | D. Evaluative | iv. Requires you to make a conclusion based on the information provided. |  |  |  |
|  | a) A-i, B-iv, C- <br> ii, D-iii | $\begin{aligned} & \text { b) A-ii, B-iii, C- } \\ & \text { iv, D-i } \end{aligned}$ | c) A-i, B-iii, Cii, D-iv | d) A-iv, B-ii, C- <br> i, D-iii | $\begin{aligned} & \text { A-i, B-iv, } \\ & \text { C-ii, D-iii } \end{aligned}$ |
| 15 | Sate whether true or false. <br> Pronouns must always refer back to the closest noun in the sentence. |  |  |  | (b) |
|  | a) True | b) False | c) Depends on the context | d) Pronouns cannot refer to nouns | False |


| 16 | Which word in the sentence is the degree adverb? The movie was surprisingly entertaining. |  |  |  |  | (b) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | a) was | b) surprisingly |  | ntertaining | d) the | surprisingl y |
| 17 | What part of speech is the word "wafting" in this passage? The aroma of freshly baked bread filled the kitchen, wafting from the oven where a golden loaf a waited. |  |  |  |  | (b) |
|  | a) noun | b) verb |  | ective | d) adverb | verb |
| 18 | In the sentence "She wore a bright red dress." The word "dress" is a: <br> A) direct object <br> B) indirect object <br> C) abstract noun <br> D) an article |  |  |  |  | (a) |
|  | a) Only A | b) Both A \& C |  | Only C | d) Both C \& D | Only A |
| 19 | Original Sentence: The tourists were amazed by the beauty of the ancient city. <br> Which of the following sentences best expresses the same idea but in a passive voice structure? <br> A) The ancient city amazed the tourists. <br> B) Beauty amazed the tourists of the ancient city. <br> C) The tourists did find the ancient city beautiful. <br> D) By the beauty of the ancient city, the tourists were amazed. |  |  |  |  | (c) |
|  | a) Both A \& B | b) Only B |  | nly A | d) None | Only A |
| 20 | Match the following words with their one-word substitutes: |  |  |  |  | (d) |
|  | A. Feeling extreme happiness |  |  | mbulatory |  |  |
|  | B. Excessively talkative person |  |  | arrulous |  |  |
|  | C. Fear of public speaking |  | iii. E | uphoria |  |  |
|  | D. To travel by foot |  | iv. Glossophobia |  |  |  |
|  | $\begin{aligned} & \text { a) A-ii, B-iii, C- } \\ & \text { iv, D-i } \end{aligned}$ | $\begin{aligned} & \text { b) A-iii, B-i, C- } \\ & \text { iv, D-ii } \end{aligned}$ |  | $\begin{aligned} & \text { A-i, B-iv, C- } \\ & \hline \text {-iiii } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { d) A-iii, B-ii, C- } \\ & \text { iv, D-i } \end{aligned}$ | $\begin{gathered} \text { A-iii, B-ii, } \\ \text { C-iv, D-i } \\ \hline \end{gathered}$ |
| 21 | State whether true or false: <br> Statement: Kicking the bucket means celebrating a successful achievement. |  |  |  |  | (b) |
|  | a) True | b) False |  | Depends on context | d) Idioms and phrases never have a literal meaning | False |
| 22 | Sentence: We arrived at the beach very tiredly after our long journey. Which of the following options contains the error in usage? <br> A. We arrived <br> B. at the beach <br> C. very tiredly <br> D. after our long journey |  |  |  |  | (c) |
|  | a. A | b. B | c. C |  | d. D | C |
| 23 | Match the following tense situations with their corresponding verb tenses: |  |  |  |  | (a) |
|  | A. A habit or repeated action in the past. i. Present perfect continuous |  |  |  |  |  |
|  | B. A completed action in the past with a continuing effect on the present. |  |  | ii. Simple p | ast |  |
|  | C. A future event that is certain to happen. |  |  | iii. Present | perfect simple |  |


|  | D. A future event that is possible but not guaranteed. |  | iv. Simple future |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { a) A-ii, B-iii, C- } \\ & \text { iv, D-iv } \end{aligned}$ | B) A-ii, B-iii, Civ, D-i | $\begin{aligned} & \text { C) A-i, B-iii, C- } \\ & \text { iv, D-ii } \end{aligned}$ | $\begin{aligned} & \text { D) A-ii, B-ii, C- } \\ & \text { iv, D-iii } \end{aligned}$ | $\begin{aligned} & \text { A-ii, B-iii, } \\ & \text { C-iv, D-iv } \end{aligned}$ |
| 24 | Fill the correct article in the sentence. <br> We went to $\qquad$ concert last night. It was amazing! |  |  |  | (a) |
|  | a) the | b) an | iii) some | d) no article | the |
| 25 | In the sentence "She spilled the beans about the surprise party," what type of phrase is "spilled the beans"? |  |  |  | (c) |
|  | a) Prepositional phrase | b) verb phrase | c) Idiomatic phrase | d) noun phrase | Idiomatic phrase |
|  | Study the following chart and answer the questions (Q26-Q28): <br> The pie chart given here represents the domestic expenditure of a family in percent. The total monthly income of the family is Rs. 33,650 |  |  |  | Answers Options |
| 26 | The house rent per month is: |  |  |  | (c) |
|  | a) Rs. 6000 | b) Rs. 6152 | c) Rs. 6057 | d) Rs. 6048 | Rs. 6057 |
| 27 | The annual savings in the form of provident fund would be: |  |  |  | (a) |
|  | a) Rs. 48,456 | b) Rs. 48,540 | c) Rs. 44,856 | d) Rs. 45,480 | Rs. 48,456 |
| 28 | After deducting the provident fund and house rent payment, the total monthly income of the family remains: |  |  |  | (c) |
|  | a) Rs. 23,545 | b) Rs. 24,435 | c) Rs. 23,555 | d) Rs. 25,355 | Rs. 23,555 |
|  | Study the table given below carefully. It shows the number of students appeared, passed, and failed in five subjects. The full mark in each subject is also given. Some of the cells have missing data that may need to be determined to answer the questions (Q29-Q31) below: |  |  |  |  |


|  | Subject <br>  | Total <br> number of <br> students <br> appeared <br> 600 <br> - <br> 300 <br> 360 | Number of <br> students <br> who passed <br> - <br> 240 <br> 216 <br> - <br> 168 | Number of students who failed | Maximum/ <br> Full marks <br> in the <br> subject <br> 600 <br> - <br> 400 <br> 400 <br> 400 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 29 | Which of the following could be the full marks in mathematics if the pass marks in mathematics was $35 \%$ and the person who just passed scored 70 ? |  |  |  |  | (a) |
|  | a) 200 | b) 400 | c) 500 |  | d) 600 | 200 |
| 30 | What is the maximum mark that a student can score in all the five subjects together? |  |  |  |  | (d) |
|  | a) 500 | b) 1000 | c) 150 |  | d) 2000 | 2000 |
| 31 | What is the difference between the number of failed students in science and the number of passed social studies? |  |  |  |  | (a) |
|  | a) 228 | b) 238 | c) 312 |  | d) 218 | 228 |
|  | The following questions (Q32-Q34) are based on the diagram below in which there are three interlocking circles A, P, and S. Here A stands for Artists, $P$ for Professors, and $S$ for Sports persons. Different regions in the figure are lettered from a to $f$. |  |  |  |  |  |
| 32 | The region which represents artists who are neither sportsmen nor professors is: |  |  |  |  | (b) |
|  | a) d | b) e | c) b |  | d) g | e |
| 33 | The region which represents professors, who are both artists and sportspersons is: |  |  |  |  | (a) |
|  | a)a | b) c | c) d |  | d) g | a |
| 34 | The region which represents professors, who are also sportspersons, but not artists is: |  |  |  |  | (d) |
|  | a) e | b) f | c) $g$ |  | d) c | c |
|  | The following table presents the production of electronic items (TVs and LCDs) in a factory during the period from 2006 to 2010. Study the table and answer the question (Q35-Q37) below: |  |  |  |  |  |



| 42 | What is the central angle of the sector corresponding to the expenditure incurred on Royalty? |  |  |  | (d) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | a) $15^{\circ}$ | b) $24^{\circ}$ | c) $48^{\circ}$ | d) $54^{\circ}$ | $54^{\circ}$ |
| 43 | The price of the book is marked $20 \%$ above the C.P. If the marked price of the book is Rs. 180, then what is the cost of the paper used in a single copy of the book? |  |  |  | (b) |
|  | a) Rs. 36 | b) Rs. 37.50 | c) Rs. 42 | d) Rs. 44.25 | Rs. 37.50 |
|  | Study the following line graph and answer the questions (Q44-Q46). |  |  |  |  |
| 44 | For which of the following pairs of years the total exports from the three Companies together are equal? |  |  |  | (d) |
|  | a) 1995 \& 1998 | b) 1996 \& 1998 | c) 1997 \& 1998 | d) 1995 \& 1996 | $\begin{gathered} 1995 \& \\ 1996 \end{gathered}$ |
| 45 | In which year was the difference between the exports from Companies X and Y the minimum? |  |  |  | (c) |
|  | a) 1994 | b) 1995 | c) 1996 | d) 1997 | 1996 |
| 46 | In how many of the given years, were the exports from Company Z more than the average annual exports over the given years? |  |  |  | (c) |
|  | a) 2 | b) 3 | c) 4 | d) 5 | 4 |
|  | A cosmetic company provides five different products. The sales of these five products (in lakh number of packs) during 1995 and 2000 are shown in the following bar graph. Study the bar chart and answer the Q47-Q49. <br> Sales (in lakh number of packs) of five different products of Cosmetic Company during 1995 and 2000. |  |  |  |  |


| 47 | The sales of lipsticks in 2000 was by what percent more than the sales of nail enamels in 2000? (rounded off to nearest integer) |  |  |  | (d) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | a) $33 \%$ | b) $31 \%$ | c) $22 \%$ | d) $28 \%$ | 28\% |
| 48 | During the period 1995-2000, the minimum rate of increase in sales is in the case of? |  |  |  | (a) |
|  | a) Shampoos | b) Nail enamels | c) Talcum powders | d) Lipsticks | Shampoos |
| 49 | What is the approximate ratio of the sales of nail enamels in 2000 to the sales of Talcum powders in 1995? |  |  |  | (b) |
|  | a) $7: 2$ | b) $5: 2$ | c) $4: 3$ | d) $2: 1$ | 5:2 |
| 50 | Five students 'A', ' $B$ ', ' $C$ ', ' $D$ ' and ' $E$ ' are sitting in a row. ' $D$ ' is in the right of ' $E$ '. ' $B$ ' is in the left of ' $E$ ' but is on the right of ' $A$ '. ' $D$ ' is on the left of ' C '. Who is sitting on the extreme left? |  |  |  | (a) |
|  | a) A | b) C | c) E | d) B | A |
| 51 | Ram pointed towards a lady and said, "Her daughter is the wife of my son-in-law." What relation does Ram have with the woman he pointed towards? |  |  |  | a) |
|  | $\begin{array}{ll} \hline \text { a) } & \text { Husban } \\ \text { d } & \\ \hline \end{array}$ | b) Father | c) Brother | $\begin{aligned} & \hline \text { d) } \begin{array}{l} \text { None of } \\ \text { these } \end{array} \\ & \hline \end{aligned}$ | Husband |
| 52 | Arrange the following words in dictionary order <br> A. Analogy <br> B. Analysis <br> C. Anagram <br> D. Anatomy |  |  |  | a) |
|  | a) CABD | b) CDBA | c) ABCD | d) ADCB | CABD |
| 53 | $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}$ and E are standing in a row. A is between B and $\mathrm{D} . \mathrm{E}$ is not at the starting of row. C is just before D . Who is at the starting of the row? |  |  |  | a) |
|  | a) C | b) D | c) A | d) E | C |
| 54 | Three of the following four words are alike in a certain way and one is different. Select the odd one. |  |  |  | d) |
|  | a) Goggles | b) Spectacle | c) Bifocal | d) Optical Reader | Optical reader |
| 55 | Select the option that is related to the third term in the same way as the second term is related to the first term. <br> IVORY : ZWSPJ :: CREAM : ? |  |  |  | b) |
|  | a) NFDQB | b) SNFDB | c) DSFCN | d) DEFGH | SNFDB |
| 56 | Paisa : Rupee :: ? : Kilometer |  |  |  | d) |
|  | a) Meter | b) Hectomet re | c) Quintal | d) Decamet re | Decametre |
| 57 | Choose the odd number from the given list$17,13,27,19,23$ |  |  |  | c) |
|  | a) 17 | b) 13 | c) 27 | d) 19 | 27 |
| 58 | Cork : Pop :: Coins : ? |  |  |  | a) |
|  | a) Tinkle | b) Ring | c) Rattle | d) Zoom | Tinkle |
| 59 | Which of the following is the same as Australia, America, and Antarctica? |  |  |  | b) |
|  | a) India | b) Europe | c) Japan | d) New | Europe |
| 60 | Select the option in which the words share the same relationship as that shared by the given pair of words. <br> Helmet : Head |  |  |  | c) |


|  | a) Shirt : <br> Hanger | b) Shoe : <br> Shoe Rack | c) Gloves <br> : Hands | d) Water : Bottle | Gloves <br> Hands |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 61 | If Sarah has a red pen, a blue pen and a green pen, how many ways can she arrange them in a row on her desk? |  |  |  | b) |
|  | a) 3 ways | b) 6 ways | c) 9 ways | d) 12 ways | 6 ways |
| 62 | If you flip a fair coin twice, what is the probability of getting heads in both flips? |  |  |  | a) |
|  | a) $\frac{1}{4}$ | b) $\frac{1}{2}$ | c) $\frac{3}{4}$ | d) | $\frac{1}{4}$ |
| 63 | If a car travels 120 miles in 2 hours, what is its average speed in miles per hour (mph)? |  |  |  | b) |
|  | a) 40 mph | b) 60 mph | c) $\quad 90 \mathrm{mph}$ | d) 120 mph | 60 mph |
| 64 | Statement 1: The government has imposed a fine on people who litter in public places. <br> Statement 2: The cleanliness of public has improved significantly in the recent past. |  |  |  | a) |
|  | a) Statement 1 is the cause and Statement 2 is its effect | b) Statement 2 is the cause and Statement 1 is its effect | c) Both the statements 1 and 2 are independent causes | d) Both the statements 1 and 2 are effects of independent causes | Statement 1 is the cause and Statement 2 is its effect |
| 65 | B2CD, ........., BCD4, B5CD, BC6D |  |  |  | c) |
|  | a) B2C2D | b) BC 3 D | c) B 2 C 3 D | d) BCD7 | B2C3D |
| 66 | Assertion (A): The moon has gravitational pull. Reason (R): Gravity is a fundamental force of nature |  |  |  | a) |
|  | a) Both A and $R$ are true and $R$ is the correct explanation of A | b) Both A and $R$ are true and R is not the correct explanation of A | c) $\quad \mathrm{A}$ is true but $R$ is false | d) $\quad \mathrm{A}$ is false but $R$ is true | Both A and $R$ are true and R is the correct explanatio n of A |
| 67 | Reaching the place of meeting on Tuesday 15 minutes before 8:30 hours, Anju found herself half an hour earlier than the man who was 40 minutes late. What was the scheduled time of the meeting? |  |  |  | b) |
|  | a) 8:00 hours | b) 8:05 hours | c) $8: 45$ hours | d) $\quad 8: 50$ hours | 8:05 hours |
| 68 | A 260 metres long train runs at a speed of $55 \mathrm{~km} / \mathrm{hr}$. How much time will it take to cross a platform 90 metres long? |  |  |  | c) |
|  | $\begin{aligned} & \text { a) } \quad 30 \\ & \text { seconds } \end{aligned}$ | b) 32 seconds | $\begin{aligned} & \text { c) } \quad 36 \\ & \text { seconds } \end{aligned}$ | d) $\quad 40$ seconds | $\begin{array}{\|l\|} \hline 36 \\ \text { seconds } \end{array}$ |
| 69 | Choose the odd one out |  |  |  | d) |
|  | a) Snake | b) Lizard | c) Turtle | d) Whale | whale |
| 70 | There are six persons A, B, C, D, E and F. B is the sister of E's husband. $D$ is the father of A and grandfather of F . There are two fathers, three brothers and a mother in the group, how many male members are there in the group? |  |  |  | d) |
|  | a) One | b) Two | c) Three | d) Four | Four |


| 71 | In a certain code language, REWARI is coded as 185231189 . How will SIRSA be coded in that language? |  |  |  | d) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | a) 1991911 <br> 8  | b) 11819199 | c) 118199 <br> 19  | d) 1991819 1 | 19918191 |
| 72 | Malini and Yazhini go for jogging from the same point. Malini goes towards the east covering 5 km . Yazhini proceeds towards the west for 4 km . Malini turns left and covers 4 km and Yazhini turns to the right to cover 4 km . what will be the distance between Malini and Yazhini? |  |  |  | a) |
|  | a) 9 km | b) 6 km | c) 8 km | d) 5 km | 9 km |
| 73 | Select the option that is related to the third numbers in the same way as the second number is related to the first number.$31: 90:: 43:: ?$ |  |  |  | c) |
|  | a) 130 | b) 125 | c) 102 | d) 75 | 102 |
| 74 | The number 323 has |  |  |  | c) |
|  | a) Three prime factors | b) Four prime factors | c) Two prime factors | d) None of these | Two prime factors |
| 75 | If one-third of one-fourth of a number is 15 , then three-tenth of that number is: |  |  |  | d |
|  | a)35 | b)36 | c)45 | d) 54 | 54 |
| 76 | The average weight of 10 men is decreased by 2 kg when one of them whose weight is 60 kg is replaced by a new man. What is the weight of the new man? |  |  |  | b |
|  | a) 35 kg | b) 40 kg | c) 45 kg | d) 50 kg | 40 kg |
| 77 | What smallest number should be subtracted from 9805 so that it is divisible by 8 ? |  |  |  | c |
|  | a) 3 | b) 4 | c) 5 | d) 7 | 5 |
| 78 | The simple interest on a certain sum of money at rate of interest $5 \%$ per annum for 2 years is Rs. 500 . What is the compound interest on the same sum for the same period and at the same rate of interest? |  |  |  | d |
|  | a)Rs. 412.5 | b)Rs. 400 | c) Rs. 500 | d)Rs. 512.5 | Rs.512.5 |
| 79 | A's and B's shares in a business are in the ratio of 5:3. If A has invested Rs. 70000 for 12 months, for what period B has invested Rs. 60000 ? |  |  |  | d |
|  | a) 7 months | b) 7.4 months | c) 8 months | d) 8.4 months | $\begin{gathered} 8.4 \\ \text { months } \end{gathered}$ |
| 80 | A mother is twice as old as her son. If 20 years ago, the age of the mother was 10 times the age of the son, what is the present age of the mother? |  |  |  | d |
|  | a)38 years | b) 40 years | c) 43 years | d) 45 years | 45 years |
| 81 | If today is Wednesday, after 70 days, it will be |  |  |  | c |
|  | a) Friday | b) Sunday | c) Wednesday | d) Thursday | $\begin{gathered} \text { Wednesda } \\ \mathrm{y} \\ \hline \end{gathered}$ |
| 82 | A man rows downstream at $20 \mathrm{~km} / \mathrm{hr}$ and rows upstream at $15 \mathrm{~km} / \mathrm{hr}$. At what speed he can row in still water? |  |  |  | a |
|  | a) $17.5 \mathrm{~km} / \mathrm{hr}$ | b) $18 \mathrm{~km} / \mathrm{hr}$ | c) $20.5 \mathrm{~km} / \mathrm{hr}$ | d) $22 \mathrm{~km} / \mathrm{hr}$ | $\begin{gathered} 17.5 \\ \mathrm{~km} / \mathrm{hr} \end{gathered}$ |
| 83 | What is the angle between hour hand and minute hand of a clock at 3.30? |  |  |  | c |


|  | a) $65^{\circ}$ | b) $70^{\circ}$ | c) $75^{\circ}$ | d) $80^{\circ}$ | $75^{\circ}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 84 | A ladder is leaning against a wall. It makes a $60^{\circ}$ angle with the wall. If the distance between foot of ladder and wall is 5.5 meters, find the length of the ladder. |  |  |  | d |
|  | a) 9.5 m | b) 10 m | c) 10.5 m | d) 11 m | 11m |
| 85 | $45 * ?=35 \%$ of 900 |  |  |  | b |
|  | a)6 | b) 7 | c) 9 | d)4 | 7 |
| 86 | If $40 \%$ of an amount is 250 , what will be $60 \%$ of that amount? |  |  |  |  |
|  | a)300 | b)320 | c) 375 | d) 400 | 375 |
| 87 | If $30 \%$ of $1520+40 \%$ of $800=x \%$ of 5000, find the value of $x$. |  |  |  | b |
|  | a) $14.42 \%$ | b) $15.52 \%$ | c) $12.22 \%$ | d) $18.82 \%$ | 15.52\% |
| 88 | Find the value of $25 \%$ of $10 \%$ of Rs. 800 . |  |  |  | b |
|  | a) 25 | b) 20 | c) 30 | d) 35 | 20 |
| 89 | The population of a town is increased from 54500 to 58500 in one year. What is the percentage increase in the population? |  |  |  | c |
|  | a) $6.34 \%$ | b) $5.34 \%$ | c) $7.34 \%$ | d) $4.34 \%$ | 7.34\% |
| 90 | Three pipes A, B and C can fill a cistern in 8 minutes, 12 minutes and 16 minutes respectively. What is the time taken by three pipes to fill the cistern when they are opened together? |  |  |  | a |
|  | a)3.7 minutes | b)4 minutes | c) 4.5 minutes | d) 5 minutes | $\begin{gathered} 3.7 \\ \text { minutes } \end{gathered}$ |
| 91 | A shopkeeper sold an article for Rs. 2500. If the cost price of the article is 2000 , find the profit percent. |  |  |  | b |
|  | a)23\% | b) $25 \%$ | c) $27 \%$ | d) $29 \%$ | 25\% |
| 92 | Ramesh bought a chair for Rs. 1540 and sold it to Suresh. If Ramesh earned a profit of $25 \%$, find the selling price of chair. |  |  |  | c |
|  | a)Rs. 1875 | b)Rs. 1900 | c)Rs. 1925 | d)Rs. 1950 | Rs. 1925 |
| 93 | A car running at a speed of $140 \mathrm{~km} / \mathrm{hr}$ reached its destination in 2 hours. If the car wants to reach at its destination in 1 hour, at what speed it needs to travel? |  |  |  | b |
|  | a) $300 \mathrm{~km} / \mathrm{hr}$ | b) $280 \mathrm{~km} / \mathrm{hr}$ | c) $250 \mathrm{~km} / \mathrm{hr}$ | d) $240 \mathrm{~km} / \mathrm{hr}$ | $\begin{gathered} 280 \\ \mathrm{~km} / \mathrm{hrs} \end{gathered}$ |
| 94 | Worker A completes a task in 8 days, and worker B completes the same task in 10 days. If both A and B work together, in how many days they will complete the task? |  |  |  | b |
|  | a) $40 / 10$ days | b) $40 / 9$ days | c) $40 / 8$ days | d) 40/7 days | 40/9 days |
| 95 | 700 ml of a mixture contains water and milk in the ratio $2: 8$. How much water must be added to the mixture so that the ratio of water and milk becomes 3:8? |  |  |  | c |
|  | a) 75 ml | b) 65 ml | c) 70 ml | d) 60 ml | 70 ml |


| 96 | In how many years the simple interest on Rs. 6000 at $10 \%$ rate of interest S.I will become Rs. 1800 ? |  |  |  | a |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | a)3 months | b) 3.5 months | c) 4 months | d) 4.5 months | 3 months |
| 97 | The value of $5^{1 / 4} \times(125)^{0.25}$ is |  |  |  | c) |
|  | a) $\sqrt{ } 5$ | b) $5 \sqrt{5}$ | c) 5 | d) 25 | 5 |
| 98 | Find the HCF of 210, 385, and 735. |  |  |  | d |
|  | a) 7 | b) 14 | c) 21 | d) 35 | 35 |
| 99 | The base of a right-angled triangle is 10 and hypotenuse is 20 . What is its area? |  |  |  | d |
|  | a) 52 meters | b) 58 meters | c) 68 meters | d)60 meters | 60 meters |
| $\begin{aligned} & 10 \\ & 0 \end{aligned}$ | What is related to the numbers ' $3,4,5$ ' in the same way as numbers ' $1,2,3$ ' are related to ' $1,4,9$ '? |  |  |  | Answer option <br> (b) |
|  | a)3,16,25 | b)9,16,25 | c)3,6,11 | d)3,8,25 | 9,16,25 |

