



PART – A

1. From the words given below, which word will come last in alphabetical order ?
- | | |
|-----------|-----------|
| A) Regard | B) Refer |
| C) Remind | D) Report |

Direction Q. 2 : A foreign expression and four English phrases are given. Identify the meaning of the foreign expression from the choices.

2. via media
- | | |
|--------------------------|--------------------|
| A) Medium of instruction | B) A mediator |
| C) Bypass someone | D) A middle course |

Direction Q. 3 : Identify the meaning of underlined word as used in the sentence, from among four alternatives.

3. In our system of education, homework is imperative.
- | | |
|----------------|---------------|
| A) unnecessary | B) a handicap |
| C) authorized | D) compulsory |

Direction Q. 4 : An idiom and four possible meanings are given, identify the meaning of the idiom from among the answer choices.

4. The bottom line
- | | |
|---------------|------------------------------|
| A) the trick | B) the most important factor |
| C) the secret | D) ignorance |

Direction Q. 5 : Fill in the blanks in the given sentence to make it logically and grammatically correct.

5. _____ 15, Anthony left school and found a job in a factory.
- | | | | |
|-------|-------|----------|-------|
| A) By | B) At | C) Since | D) In |
|-------|-------|----------|-------|

Direction Q. 6 : A sentence is written in four different forms. Only one of them is grammatically correct. Choose the correct sentence as your answer.

6. A) We don't have any money to spend on luxury things.
B) We don't have any money to spend on luxuries.
C) We don't have no money to spend on luxury things.
D) We don't have any money to spend on things with luxury.



Direction Q. 7 : Four alternative substitutes are given for the underline portion. Identify the choice that replace the underline part to form a logical and grammatically correct statement.

7. I have come to Kashmir not to work but to enjoy.
- A) but to enjoy with the beautiful scenery
 - B) but to enjoy myself
 - C) but to enjoying the beautiful scenery
 - D) but to enjoy

Direction Q. 8 : A word and four jumbled choices are given. One of the choices, when properly arranged, give the meaning of the word. Identify the correct choice.

8. AIM
- A) NETIOTNIN
 - B) ETTILL
 - C) EATRX
 - D) PYAHP

Direction Q. 9: From the choices, select the most suitable synonym for the main word.

9. RECKON
- A) repose
 - B) confirm
 - C) understand
 - D) regain

Direction Q. 10 : From the choices, select the most suitable antonym for the main word.

10. REplete
- A) profuse
 - B) wanting
 - C) lavish
 - D) glutton

Direction Q. 11 : There is a certain relation between two given words on one side of : and one word is given on another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the given pair has. Select the best alternative.

11. Car : Garage :: Aeroplane : ?
- A) Port
 - B) Depot
 - C) Hanger
 - D) Harbour

Direction Q. 12 : There is a certain relation between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives, having the same relation with this number as the given pair has. Select the best alternative.

12. 121 : 12 :: 25 : ?
- A) 1
 - B) 2
 - C) 6
 - D) 7



Direction Q. 13 : In the given question, four words have been given, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

13. A) Apple B) Mango C) Potato D) Orange

Direction Q. 14 : In the given question, four numbers are given. Out of these, three are alike in a certain way but the rest one is different. Choose the one which is different from the rest three.

14. A) 15 B) 21 C) 24 D) 28

Direction Q. 15 : In the given question, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern.

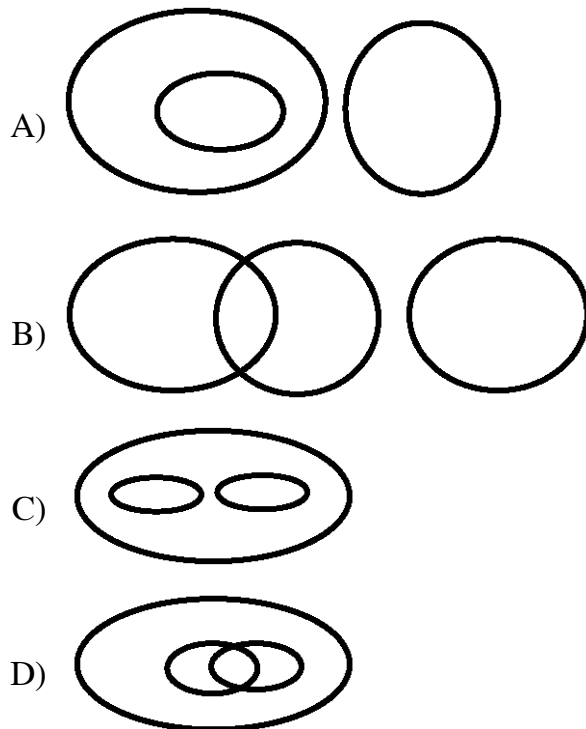
15. 2, 5, 9, (____), 20, 27

- A) 14 B) 16 C) 18 D) 24

16. If in a certain language, FASHION is coded as FOIHNSA, how is PROBLEM coded in that code ?

- A) ROBLEMP B) PELBORM C) PRBOELM D) RPBOELM

17. Which of the following diagrams correctly represents Languages, French, German ?





18. If P denotes \div , Q denotes \times , R denotes $+$ and S denotes $-$, then
18 Q 12 P 4 R 5 S 6 = ?
A) 36 B) 53 C) 59 D) 65
19. If 76 is divided into four parts proportional to 7, 5, 3, 4, then the smallest part is
A) 12 B) 15 C) 16 D) 19
20. 36 men can complete a piece of work in 18 days. In how many days will 27 men complete the same work ?
A) 12 B) 18 C) 22 D) 24
21. ROM is composed of
A) Magnetic Cores B) Microprocessors
C) Photoelectric Cells D) Floppy Disks
22. ASTROSAT is
A) Indian Mission to Moon B) Indian Mission to Jupiter
C) Indian Space Observatory D) Indian Communication Satellite
23. The theme of the National Youth Day-2017 was
A) Youth for Change B) Youth for Sustainable Development
C) Youth for Digital India D) Youth for Entrepreneurship
24. Kuchipudi is a dance originating from which of the following States ?
A) Tamil Nadu B) Telangana C) Kerala D) Andhra Pradesh
25. 'NAKSHE' is a Web Portal launched by
A) Archeological Survey of India B) Survey of India
C) Geological Survey of India D) Botanical Survey of India
26. Law of conservation of mass is not applicable in
A) Redox reactions B) Electrochemical reactions
C) Nuclear reactions D) All of the above
27. In laboratory, if acid is spilled on someone, what should be done ?
A) Rinse with water B) Inform the laboratory incharge
C) Visit the physician D) All of the above
28. Which of the following is not the general characteristic of good writing ?
A) Simple B) Use of short sentences
C) Deliberate use of complex words D) Flow in the text



29. What is/are the driving force(s) for research ?
A) Search for solution to a problem
B) Enhancement of knowledge in a specific field
C) Recognition of work
D) All of the above
30. Text books are generally protected by following intellectual property
A) Copyright
B) Patent
C) Industrial design
D) Geographical indication
31. If a class of 40 students is consisted of 20 students of age of 19 years, 08 students of age of 20 years and 12 students of 25 years, the average age of class comes out to be
A) 21.3 years
B) 21 years
C) 19 years
D) 22 years
32. The pH of a buffer is generally derived from
A) Henderson–Hasselbalch equation
B) de-Broglie’s equation
C) Poiseuille’s law
D) Newton’s law
33. Which kind of research exclusively deals with numeric data ?
A) Qualitative
B) Quantitative
C) Both
D) None
34. Which portion of the thesis or dissertation, generally is the last section ?
A) Literature review
B) Methods
C) Conclusion
D) Results
35. Which is the correct answer for $1.00 + 2.149 + 4.1$?
A) 7.249
B) 7
C) 7.2
D) 7.3
36. The volume of a fluid is never expressed in
A) dm^3
B) L
C) Gallons
D) Pounds
37. Which of the following is not a method for data collection ?
A) Interviews
B) Schedules
C) Questionnaires
D) None of the above
38. Which of the following equipments is used to quantitatively suck liquids in laboratories ?
A) Pipettes
B) Beakers
C) Test tubes
D) Clamps



PART – B

51. During human resource planning you identified that your team members are not sufficiently qualified for their tasks. Which may be an appropriate solution to this problem ?
- A) Reduce level of effort
B) Develop a training plan
C) Plan quality audits
D) Plan quality inspections
52. Compared to CO₂, methane has global warming potential of
- A) 5 – 10 times more
B) 20 – 25 times more
C) 40 – 45 times more
D) 60 – 65 times more
53. When looking at cities from a gender perspective one of the main gender differences that affect the use of urban space is
- A) Attitude of planners
B) The way data is collected for physical and economic planning
C) The difference between men and women in care-giving roles and responsibilities
D) The difference between average height of men and women
54. Who was the first woman to be awarded the Pritzker Prize ?
- A) Jeanne Gang
B) Julia Morgan
C) Zaha Hadid
D) Denise Scott Brown
55. In the context of fire fighting what does the term ‘Blanketing’ refer to ?
- A) Removal of Heat
B) Removal of Fuel
C) Removal of Oxygen
D) Removal of layers of Insulation
56. Reliable, quantitative and verifiable data used in Environmental Impact Assessment Study are called
- A) Hard data
B) Soft data
C) Continuous data
D) Discrete data
57. The book “Towards a New Architecture” is written by
- A) Le-Corbusier
B) Frank O Gehry
C) Eero Saarinen
D) Frank Llyod Wright
58. Which of the following activities is not part of low side electrical works ?
- A) Wiring
B) Lights
C) Cable Trenching
D) Sensors



59. The first preferred way to resolve a dispute between the contracting parties is
- A) Arbitration
B) Litigation
C) Negotiation
D) Mediation
60. The 'Hall of Nations' was designed by
- A) Charles Correa
B) Raj Rewal
C) Sharat Das
D) Joseph Allen Stein
61. What is 'smart growth' ?
- A) The solution to urban sprawl, by creating compact, transit-oriented, community-conscious development
B) Transfer of people with high intelligence to a particular area in a city
C) Low-density development on the periphery of urban or rural settlement
D) Taking inputs from smart persons for regulating growth of historical cities
62. A scheduled activity may begin 10 days before the predecessor activity finishes. This is an example of
- A) Finish-to-Start
B) Start-to-Finish
C) Start-to-Start
D) Finish-to-Finish
63. For a given activity, the optimistic time, pessimistic time and the most probable estimates are 5, 17 and 8 days respectively, The expected time is
- A) 8 days
B) 9 days
C) 10 days
D) 15 days
64. Art deco style of architecture is commonly found in
- A) Hyderabad and Bengaluru
B) Mumbai and Kolkata
C) Ahmedabad and Chandigarh
D) Shimla and Darjeeling
65. _____ is known as a pioneer of sustainable design, with an emphasis on green roofs and underground buildings.
- A) Frank Lloyd Wright
B) Malcolm Wells
C) Frank Gehry
D) Jorn Utzon
66. Kansai Airport is designed by
- A) Norman Foster
B) Richard Meier
C) Renzo Piano
D) Eero Saarinen



67. Two ton of cement is used to make 10 ton of hardened concrete having water cement ratio of 0.45. One cubic meter of this concrete has a mass of 2.5 ton. Quantity of water used (in kg) is
A) 90 B) 450 C) 900 D) 945
68. A painting in living room needs to be lighted at 250 lux. If the light is incident normally on a painting from a distance 6 m, then the intensity of light source required (in candela)
A) 1500 B) 3000 C) 6000 D) 9000
69. At a work site, statistical quality control of concrete means
A) Measurement of risks to eliminate failures
B) Applying the theory of probability to sample testing or inspection
C) Reduction in wastage of inspection costs
D) Reduction in costs for the removal of defects
70. Bhimbetka rock shelters, an archaeological site, exhibiting the beginning of South Asian stone age are located in
A) Aihole in Karnataka
B) Raisen district in Madhya Pradesh
C) Ellora in Maharashtra
D) Perambadur in Tamil Nadu
71. In India modes of transportation, in order of their importance are
A) air transport, shipping, roads, railways
B) shipping, roads, railways, air transport
C) roads, railways, air transport, shipping
D) railways, roads, shipping, air transport
72. Weep hole is a term used to describe
A) Perforation in the cast iron pipe used for boring
B) Holes in retaining wall for draining water
C) Holes in the cover plate of floor traps
D) Holes dug in earth to recharge ground water
73. Busway, busduct and raceway are components of
A) Security system B) Air conditioning system
C) Electrical system D) Transport system



74. In a construction contract one critical component that defines the legal rights and obligations of the parties with reference to quality of output is
- A) Specifications
 - B) General Conditions of Contract
 - C) Special Provisions
 - D) Bill of Quantities
75. When you perform quality assurance in your project, which technique could you typically use ?
- A) Code review
 - B) Quality audit
 - C) Inspection
 - D) Scope verification
76. Out of about 58400 Architects registered in India _____% are female.
- A) 38.5
 - B) 32.6
 - C) 29.6
 - D) 43.6
77. Super plasticizer is added in a concrete mix to
- A) Reduce the water-cement ratio for a given workability
 - B) Increase the water-cement ratio for a given workability
 - C) Reduce the flow
 - D) Reduce the content of coarse aggregate
78. Star Rating of an Air Conditioner is determined by its
- A) Power Consumption
 - B) Energy Efficiency Ratio
 - C) Cooling Capacity
 - D) Power of Compressor
79. Desire Line diagram helps in
- A) Completion of a project by a desired rate
 - B) Meeting demand and supply in desired category of housing
 - C) Determining income versus expenditure pattern of individuals
 - D) Origin-Destination analysis in transport planning
80. The loudness of sound is called its
- A) Timbre
 - B) Intensity
 - C) Frequency
 - D) Pitch
81. Total land area for a plotted housing development project is 50.0 hectare, of which, area under community facilities, common open spaces and roads are 9%, 10%, and 16% respectively. Total number of saleable plots of 250 m² each will be
- A) 1100
 - B) 1300
 - C) 1500
 - D) 1700



82. “Less is a Bore” maxim coined by
A) Mies Van der Rohe B) Robert Venturi
C) James Sterling D) Le-Corbusier
83. The theory of human settlements put forth by Doxidis is called
A) Garden-City B) Neo-urbanism
C) Ekistics D) Acropolis
84. _____ refers to number of people in an urban area per sq km.
A) Citification B) Urban population
C) Urban density D) Urbanism
85. The literal meaning of Feng Shui is
A) House and Household B) Wind and Water
C) Efficiency of Design D) Sensitivity towards Design
86. ‘HRIDAY’ launched by The Ministry of Urban Development, Government of India, in January, 2015, stands for
A) National Heritage City Development and Augmentation Yojana
B) National Heritage and Industrial Development and Augmentation Yojana
C) National Rejuvenation Initiative and Development Aayojan
D) National Heritage Identity Augmentation Yojana
87. Badami is a heritage city located in Bagalkot district in India’s southern state of
A) Tamil Nadu B) Andhra Pradesh
C) Karnataka D) Kerala
88. ‘AMRUT’ launched by The Ministry of Urban Development, Government of India, stands for
A) Atal Meteorological Rejuvenation and Urban Transport
B) Atal Mission for Restoration of Urban Transport
C) Atal Mission for Revitalization of Urabn Transport
D) Atal Mission for Rejuvenation and Urban Transformation
89. ‘Housing for All’ mission of Government of India aims to provide house to all by the year
A) 2021 B) 2025 C) 2032 D) 2022
90. The Swacchh Sarvekshan-2016 ranks 73 cities on cleanliness and sanitation. The city that tops the list is
A) Nagpur B) Gangtok C) Mysore D) Chandigarh



91. A plot for a group housing measures 24000 sq. m. Permissible ground coverage is 30% and FAR is 3.0. What are maximum number of floors that can be built ?
A) 8 B) 7 C) 10 D) 9
92. A contour line is
A) An imaginary line connecting points of equal elevation on ground
B) An outline of land and buildings defined against the sky
C) An imaginary line connecting the ridges and hilltops
D) A hypothetical line from someone's eye to what is seen
93. Which of the following cities can be called megalopolis ?
A) Kochi B) Chennai C) Mumbai D) Ahmedabad
94. Following is the most widely discussed impact of climate change
A) Increase in average sea level B) Deforestation
C) Soil erosion D) River pollution
95. GRIHA rating system consists of _____ criteria; _____ of which are mandatory, _____ are partly mandatory while the rest are optional.
A) 43, four, two B) 100, 22, eight C) 34, four, ten D) 34, eight, four
96. The international guideline for conservation of monuments and sites recommended by ICOMOS is known as
A) Venice Charter B) Amsterdam Declaration
C) Granada Convention D) Burra Charter
97. To protect the Taipei 101, against typhoon winds which special feature was introduced in the tower ?
A) Observation Deck B) Tuned Mass Damper
C) Curtain Walls D) Pile Foundations
98. It is a device designed to prevent backflow of gases into the fixture
A) Check Valve B) Soil Pipe C) Grease Pipe D) Trap
99. Unit of measuring sound absorption in a room is
A) Sabin B) Phon C) Decibel D) Hertz
100. The 4Rs in context of Solid Waste Management are
A) Reproduce, Reuse, Recycle and Resist
B) Recycle, Replenish, Reuse and Regain
C) Reduce, Reuse, Reproduce and Re-do
D) Reduce, Reuse, Recycle and Recover
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SPACE FOR ROUGH WORK