

PART II : GENERAL AWARENESS

51. All economic goods are considered as _____ in economics.
- Wealth
 - Money
 - Capital
 - Materials
52. Total demand for goods and services at various levels of employment is called as
- Effective demand
 - National demand
 - Market demand
 - Employment demand
53. Which one of the following land reform measures can be said to have been fully implemented by now in India?
- Tenancy reforms
 - Abolition of intermediaries
 - Land ceilings
 - Consolidation of holdings
54. Relationship between price of related goods and quantity of a particular commodity is called as
- Income-demand
 - Market-demand
 - Gross-demand
 - Price-demand
55. Who wrote 'Communist Manifesto'?
- Mars and Engels
 - Mao
 - Lenin
 - Che-Guevara
56. Which of the following recommended reservation for the Other Backward Classes (OBCs)?
- Mandal Commission
 - Kothari Commission
 - Sachar Committee
 - None of these
57. The authority to alter the boundaries of States in India rests with the
- President
 - Prime Minister
 - Parliament
 - State Government
58. Schedule VII of Indian Constitution contains
- Presidential election
 - Acts beyond judicial review
 - States and Union territories
 - Division of Powers into 3 lists
59. Which Article of the Indian Constitution mentions about financial emergency?
- 360
 - 360
 - 340
 - 330
60. Maximum age of superannuation for the Judges of the Supreme Court of India is
- 82 years
 - 65 years
 - 60 years
 - 70 years
61. Which of the following was *not* an aspect of Later Vedic Age?
- Importance of kingship in political life
 - Discovery of iron
 - Polygamy
 - Simple, non-ritualistic worship
62. Who among the following presided over the fourth Buddhist Council?
- Ashoka
 - Kanishka
 - Ashvaghosha
 - Vasumitra

63. Which of the following was *not* built by Firuz Shah Tughlaq ?
(A) Firozabad
(B) Fatahabad
(C) Tughlaqabad
(D) Jaunpur
64. Who among the following granted permission to the English to establish their factory in India ?
(A) Akbar
(B) Jehangir
(C) Shah Jahan
(D) Aurangzeb
65. The Permanent Land Settlement in Bengal was introduced by
(A) Warren Hastings
(B) Thomas Munro
(C) Thomas Reid
(D) Lord Cornwallis
66. Which of the following regions is called the 'granary of the world' ?
(A) Temperate grasslands
(B) British type vegetation
(C) Laurentian type vegetation
(D) Tropical grasslands
67. Spot the odd item in the following :
(A) Prairies
(B) Pampas
(C) Selvas
(D) Sunderban
68. Which of the following rivers of India flows in rift valley ?
(A) Kaveri
(B) Tapi
(C) Son
(D) Ken
69. The largest coral reef in the world is found near the Eastern coast of
(A) Japan
(B) China
(C) Cuba
(D) Australia
70. The strong, cold, dry wind blowing in the polar region is known as
(A) Chinook
(B) Bora
(C) Blizzard
(D) Harmattan
71. Yeasts bring about fermentation by the action of a complex enzyme known as
(A) Invertase
(B) Catalase
(C) Peroxidase
(D) Zymase
72. Which of the following is the vector of malaria ?
(A) Female Culex mosquito
(B) Female Anopheles mosquito
(C) Both female and male Culex mosquito
(D) Both female and male Anopheles mosquito
73. Name the gland which has both exocrine and endocrine function.
(A) Liver
(B) Thymus
(C) Pituitary
(D) Pancreas
74. Biological Life Support System is developed for
(A) Spacecraft
(B) Patients in ICU
(C) Scientists in Antarctica
(D) Heart surgery

75. Lichens are examples of
(A) Xerophytes
(B) Epiphytes
(C) Mesophytes
(D) Symbionts
76. Vaccination is
(A) Innate passive immunity
(B) Artificial passive acquired immunity
(C) Artificial active acquired immunity
(D) Natural acquired immunity
77. A moving cycle can be easily balanced. This can be explained by the law of conservation of
(A) Angular momentum
(B) Linear momentum
(C) Rotational kinetic energy
(D) Translational potential energy
78. Which of the following is a typical semi-conductor?
(A) Platinum (B) Germanium
(C) Mira (D) Quartz
79. Batteries used in mobiles are
(A) Primary batteries
(B) Secondary batteries
(C) Electron batteries
(D) None of these
80. The term _____ is often used to refer to the step-by-step procedure to solve a problem.
(A) algorithm (B) flowchart
(C) pseudocode (D) procedure
81. In MS-Excel, _____ is a collection of rows and columns that holds text and numbers.
(A) Workbook (B) Worksheet
(C) File (D) Record
82. _____ helps in remote login.
(A) Telnet (B) Usenet
(C) Milnet (D) Arpanet
83. The purity of 14 carat gold is
(A) 58.4 percent
(B) 75.5 percent
(C) 14.6 percent
(D) 30 percent
84. The compound which contains both ionic and covalent bonds is
(A) CH_4 (B) H_2
(C) KCN (D) CO
85. Which of the following is *not* a carboxylic acid?
(A) Formic acid
(B) Citric acid
(C) Picric acid
(D) Tartaric acid
86. The process of decomposing organic waste in the presence of air is termed as
(A) Salvaging (B) Oxidation
(C) Pulverizing (D) Incineration
87. Which of the following is the process of biological treatment of waste water?
(A) Grit chamber
(B) Screen chamber
(C) Sedimentation tank
(D) Trickling filter
88. Nitrogen dioxide present in ambient air can be estimated by
(A) Flame photometry
(B) Atomic absorption spectrophotometry
(C) High performance liquid chromatography
(D) Chemi-luminescence

89. An undesirable plume dispersion pattern is
(A) Looping (B) Coning
(C) Fumigation (D) Lofting
90. Which of the following is an organophosphorus insecticide?
(A) Endrin
(B) Heptachlor
(C) Methoxychlor
(D) Malathion
91. Mehdi Haseen, who died in Karachi in June this year, was a renowned
(A) Ghazal singer
(B) Sitar player
(C) Journalist
(D) Painter
92. Where is the permanent headquarters of SAARC?
(A) New Delhi (B) Kathmandu
(C) Thimphu (D) Dhaka
93. The only foreign national to receive the highest Bangladesh Award "Bangladesh Swadhinata Sammanona" is
(A) P.V. Narasimha Rao
(B) Indira Gandhi
(C) Sonia Gandhi
(D) Rajiv Gandhi
94. The headquarters of the Organization of Petroleum Exporting Countries (OPEC) is in
(A) Baghdad (B) Abu Dhabi
(C) Teheran (D) Vienna
95. Who was the Captain of Kolkata Knight Riders in IPL - V?
(A) M.S. Dhoni
(B) Rahul Dravid
(C) Gautam Gambhir
(D) Sourav Ganguly
96. How many teams participated in the Indian Volley League matches of 2011?
(A) 4 (B) 5
(C) 6 (D) 7
97. Who is the Governor of Gujarat?
(A) Dr. Kamla Beniwal
(B) N.N. Vohra
(C) Hansraj Bhardwaj
(D) Dr. D.Y. Patil
98. Which of the following pairs is correctly matched?
(A) Kuchipudi — Andhra Pradesh
(B) Kathakali — Tamil Nadu
(C) Kathak — Manipur
(D) Bharatnatyam — Kerala
99. Which is the principal opposition party in Madhya Pradesh?
(A) Bharatiya Janata Party
(B) Indian National Congress
(C) Bahujan Samaj Party
(D) Samajwadi Party
100. The term of a non-permanent member of the U.N. Security Council is
(A) 6 months (B) 1 year
(C) 2 years (D) 3 years

47 PART I : GENERAL INTELLIGENCE AND REASONING

Directions : In questions no. 1 to 6, select the related letter/word/number from the given alternatives.

1. Cup : Coffee :: Bowl : ?
 (A) Dish (B) Soup
 (C) Milk (D) Food
2. Ink : Pen :: Petrol : ?
 (A) Bus (B) Car
 (C) Train (D) Tractor
3. MAD : JXA :: RUN : ?
 (A) OSQ (B) PRJ
 (C) UXQ (D) ORK
4. 57913 : EGIM :: 85616 : ?
 (A) CDIR (B) BCHP
 (C) CEHQ (D) CEHP
5. 8 : 39 :: 72 : ?
 (A) 64 (B) 312
 (C) 351 (D) 300
6. 16 : 36 :: 64 : ?
 (A) 4 (B) 6
 (C) 8 (D) 100

Directions : In questions no. 7 to 11, select the one which is different from the other three responses.

7. (A) Nephew (B) Niece
 (C) Uncle (D) Father
8. (A) HAMF (B) VNYQ
 (C) KCOG (D) FKOR

9. (A) AIUE (B) PIRE
 (C) VALT (D) TORE
10. (A) 51 (B) 171
 (C) 291 (D) 322

11. 48, 60, 120, 144, 192, 208
 (A) 80 (B) 120
 (C) 144 (D) 192

Directions : In questions no. 12 and 13, which one of the given responses would be a meaningful order of the following ?

12. 1. Adult 2. Old age
 3. Adolescent 4. Childhood
 5. Infant
 (A) 5, 4, 3, 1, 2 (B) 1, 5, 4, 3, 2
 (C) 1, 2, 3, 4, 5 (D) 3, 4, 5, 1, 2
13. 1. Son 2. Husband
 3. Grandfather 4. Brother
 5. Father
 (A) 1, 5, 2, 4, 3 (B) 1, 2, 3, 4, 5
 (C) 1, 4, 2, 5, 3 (D) 1, 2, 4, 5, 3

14. Arrange the following words as per order in the dictionary :

1. Command 2. Commit
 3. Connect 4. Conceive
 5. Conduct 6. Commerce
 (A) 6 2 1 5 4 3 (B) 6 1 3 4 5 3
 (C) 1 6 2 4 5 3 (D) 1 2 6 5 3 4

15. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

- na _aabb _b _aa _aabb _bb
 (A) abhab (B) bbbba
 (C) babba (D) aabbb

Directions : In questions no. 16 to 18, a series is given, with one number/letter missing. Choose the correct alternative from the given ones that will complete the series.

16. 112, 124, 156, 208, ?

- (A) 316 (B) 280
(C) 292 (D) 304

17. 96, 101, 126, 187, ?

- (A) 296 (B) 306
(C) 300 (D) 297

18. B A F E J I P O ? U

- (A) V (B) T
(C) S (D) Q

19. A woman has only 25 p and 50 p coins in her bag. If in all she has 40 coins which total ₹ 12.75, then the number of 50 p coins is

- (A) 15 (B) 17
(C) 11 (D) 13

20. (i) A and B can speak Tamil and Malayalam.

(ii) C and D can speak English and Hindi.

(iii) B and D can speak Malayalam and Hindi.

(iv) A and C can speak Tamil and English.

One who speaks English, Hindi and Malayalam is

- (A) A (B) B
(C) C (D) D

21. The age of Sunita's father today is four times as that of her age. After 8 years, the age of her father will be three times that of her age. What is Sunita's age today?

- (A) 24 years (B) 20 years
(C) 18 years (D) 16 years

Directions : In questions no. 22 and 23, from 1 given alternatives select the word which cannot be formed using the letters of the given word.

22. MISAPPREHENSION

- (A) RESPONSE
(B) HAPPINESS
(C) PERSON
(D) SENSES

23. CONCEPTUALIZATION

- (A) ACTUAL (B) PETAL
(C) PETROL (D) TOTAL

24. In a certain code, DOWNBEAT is written as TABEWNDQ. How will the word PROSPECT be written in that code?

- (A) TCEFSORP
(B) TCPEOSPR
(C) TOPEOSPR
(D) TCPEOSRP

25. If SENSATIONAL can be written as 1 2 3 1 4 5 6 7 3 4 8, how will STATION be written in that code?

- (A) 1 4 5 5 6 7 3
(B) 1 5 4 5 7 6 3
(C) 1 5 3 4 6 7 3
(D) 1 5 4 5 6 7 3

26. If MILITARY can be written as 1, 2, 3, 2, 4, 5, 6, 7, how can LIMIT be written in that code?

- (A) 3 2 1 2 4 (B) 4 2 1 2 3
(C) 1 2 3 2 4 (D) 4 2 1 2 5

27. If $5 + 7 = 21$ and $9 + 4 = 31$, what is $7 + 9 = ?$

- (A) 41 (B) 51
(C) 61 (D) 71

28. If $532 + 781 = 21$ and $862 + 910 = 21$, then what is the value of $796 + 355 = ?$

- (A) 21 (B) 30
(C) 31 (D) 22

29. If ' $\cup$ ' stands for '+', ' $\times$ ' stands for ' $\times$ ', ' $\div$ ' stands for ' $\div$ ' and ' $\cdot$ ' stands for ' $\cdot$ ', which one of the following is correct?

- (A) $10 + 5 - 5 + 5 \times 5 = 10$
(B) $10 - 5 + 5 + 5 \times 5 = 25$
(C) $10 \times 5 + 5 + 5 - 5 = 9$
(D) $10 + 5 \times 5 + 5 = 5$

30. If the word DIPLOMAT is written as FKRNQOCV, then AMBASSDOR can be written as

- (A) COECMMFQS
(B) CODCUUFQT
(C) COCBOOFQS
(D) COADQQFRS

Directions : In questions no. 31 and 32, select the missing number from the given responses.

31.

3	5	8
5	7	6
4	2	?
60	70	144

- (A) 18 (B) 48
(C) 3 (D) 4

32.

6	18	9
12	36	18
24	?	36

- (A) 18 (B) 72
(C) 54 (D) 60

33. Prem, Rakesh, Roshan, Sanjay, Tanuj, Udit are sitting at equal distances in a circle and are facing the centre. Roshan is third from Prem in the right. Rakesh is third from Tanuj from the left. Udit is between Prem and Tanuj and Sanjay is third from Udit in the left and right. Who is opposite Tanuj?

- (A) Roshan (B) Prem
(C) Rakesh (D) Sanjay

34. Brinda goes 30 km towards North from a fixed point. Then after turning to her right she goes 30 km. After this she goes 30 km after turning to her right. How far and in what direction is she from the starting point?

- (A) 60 km East
(B) 30 km East
(C) 60 km West
(D) 30 km South

Directions : In questions no. 35 to 37, one/two statement(s) are given, followed by two/three conclusions I, II and III. You have to consider the statement(s) to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statement(s).

35. Statement :

To be happy in life, you should solve your problems than try to avoid them.

Conclusions :

- I. Life will be dull if you don't have problems.
II. To avoid problems you should have solutions ready.

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

36. *Statements :*

1. All sportsmen have good physique.
2. Some employees are sportsmen.

Conclusions :

- I. All employees have good physique.
- II. Some men with good physique are not sportsmen.

- (A) Only conclusion I follows
 (B) Only conclusion II follows
 (C) Both the conclusions follow
 (D) None of the conclusions follows

37. *Statement :*

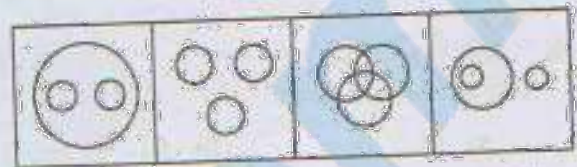
Should seniority be the only criterion for the promotion ?

Conclusions :

- I. No, it would be an injustice to those juniors who are more deserving.
- II. Yes, otherwise senior employees feel humiliated.
- III. Yes, senior employees are more experienced and must be rewarded.

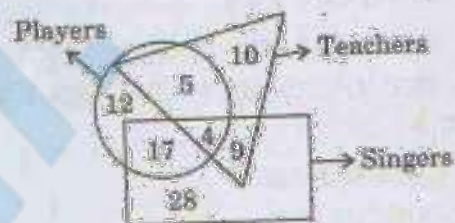
- (A) III is most appropriate
 (B) I is most appropriate
 (C) I and III are most appropriate
 (D) I and II are most appropriate

38. Find out the figure which best represents the relationship among Garden, Rose and Jasmine.



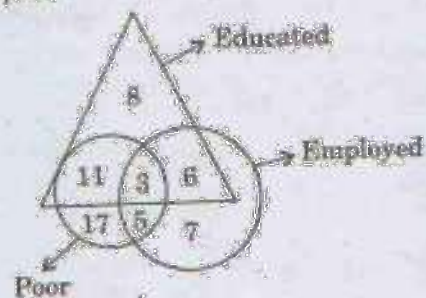
(A) (B) (C) (D)

39. The diagram represents Teachers, Singers and Players. Study the diagram and find out how many teachers are also singers.



- (A) 4
 (B) 5
 (C) 9
 (D) 13

40. The figure represents three classes of youth in a village. How many educated youth are poor ?



- (A) 14
 (B) 9
 (C) 6
 (D) 19

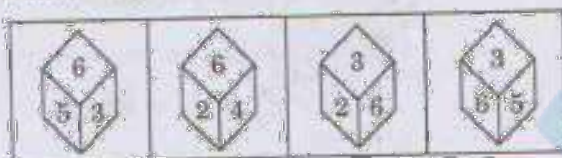
41. Which digit will appear on the face opposite to the face with number 4?



- (A) 3
(B) 5
(C) 6
(D) 2

42. Four positions of a dice are given below. Identify the number at the bottom when top is 2.

Question figures:



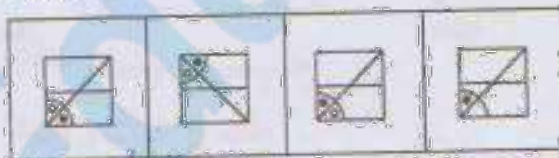
- (A) 1
(B) 4
(C) 6
(D) 5

Directions : In questions no. 43 to 45, which answer figure will complete the pattern in the question figure?

43. Question figure:

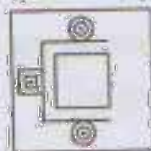


Answer figures:



- (A) (B) (C) (D)

44. Question figure:



Answer figures:



- (A) (B) (C) (D)

45. Question figure:



Answer figures:



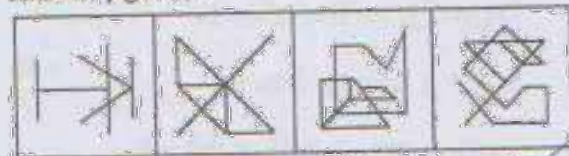
- (A) (B) (C) (D)

Directions : In questions no. 46 and 47, from the given answer figures, select the one in which the question figure is hidden/embedded.

46. Question figure:



Answer figures:



- (A) (B) (C) (D)