

GENERAL AWARENESS

1. World Development Report is issued by-
- (1) IMF (2) World Bank
(3) WHO (4) UNDP
2. Read the following statements.
- A. During 1951 India's literacy was 18%.
B. 2011 census female literacy is 65.46.
C. 2018-19 budget allocation for education is nearly 3.5% of GDP.
- Select the right answer.
- (1) Only C
(2) A and B
(3) All the above
(4) B only
3. Which of the following is not a quantitative tool of money supply used by the RBI?
- (1) Bank rate
(2) Repo rate
(3) Open market operation
(4) Margin requirement
4. Which of the following is/are examples for money?
- A. Currency notes and coins
B. Savings account deposits
C. Time deposits
D. Current account deposits
- Select the right answer.
- (1) Only A
(2) B, C and D
(3) All the above
(4) A, B and D
5. Which of the following statements is true regarding alluvial soils?
- A. It is rich in nitrogen.
B. Not ideal for sugarcane cultivation.

C. Alluvial tracks are intensively cultivated and densely populated in India.

Select the correct answer.

- (1) Only A
(2) Only B
(3) Only C
(4) All the above
6. Which of the following is incorrect of their formulation?
- (1) Wildlife Conservation Act - 1972
(2) Project Tiger - 1973
(3) Project Elephant - 1992
(4) Environment Protection Act - 1984
7. Atal Bihari Vajpayee, had been a Prime Minister for
- (1) One time
(2) Two times
(3) Three times
(4) Four times
8. Consider the following statements about pulses cultivation.
- A. Need less moisture.
B. Can survive in dry condition.
C. India exports pulses more than its import.
- Select the correct answer.
- (1) Only A (2) Only C
(3) A and B (4) A and C
9. Which one of the following places in India receives the lowest rainfall?
- (1) Ran of Kuchch
(2) Vidharba region
(3) Ladakh
(4) Jaisalmar
10. Gujjars, a pastoral community are associated with which one of the following States of India?

- (1) Gujarat
(2) Rajasthan
(3) Jammu and Kashmir
(4) Sikkim

11. Total gold medal bagged by India in the recently held ASIAD 2018 is

- (1) 14 (2) 15
(3) 16 (4) 17

12. Ranapratab Sagar Hydroelectric Plant is in

- (1) Uttarakhand
(2) Himachal Pradesh
(3) Rajasthan
(4) Punjab

13. Match List-I with List-II and select the correct answer using the code given below the Lists.

Minerals	Mine
1. Zinc	a. Amjhore
2. Gold	b. Sukinda
3. Chromite	c. Zawar
4. Pyrite	d. Hutti

Codes :

- (1) 1-a 2-b 4-c 3-d
(2) 3-a 2-b 4-c 1-d
(3) 3-a 4-b 2-c 1-d
(4) 1-a 4-b 2-c 3-d

14. As per Census 2011, which one of the following is the correct descending order of States in India is respect of sex ratio [female per thousand of males] ?

- (1) West Bengal > Madhya Pradesh > Uttarakhand > Jammu and Kashmir
(2) Madhya Pradesh > West Bengal > Jammu and Kashmir > Uttarakhand
(3) Uttarakhand > West Bengal > Madhya Pradesh > Jammu and Kashmir
(4) West Bengal > Uttarakhand > Madhya Pradesh > Jammu and Kashmir

15. 'SAMPRITI-2017' is a joint military exercise between armed forces of India and
- (1) Bhutan
 - (2) Bangladesh
 - (3) Pakistan
 - (4) Myanmar
16. Infrared, visible and ultraviolet radiations/ light have different properties. Which one of the following statements related to these radiations/ light is not correct?
- (1) The wavelength of infrared is more than that of ultraviolet radiation.
 - (2) The wavelength of ultraviolet is smaller than that of visible light.
 - (3) The photon energy of visible light is more than that of infrared light.
 - (4) The photon energy of ultraviolet is lesser than that of visible light.
17. When the sun is near the horizon during the morning or evening, it appears reddish. The phenomenon that is responsible for this observation is
- (1) reflection of light
 - (2) refraction of light
 - (3) dispersion of light
 - (4) scattering of light
18. Find incorrect statement(s) about light and optics.
- A. Due to reflection of light, the sun is visible a little before the actual sunrise and until a little after the actual sunset due to refraction of light through the atmosphere.
 - B. Mirages are created by total internal reflection of light between layers of hot air.
 - C. An observer can see a rainbow only when the sun is at 90 degrees to his shoulder.
- Select the correct answer.

- (1) Only A and B
- (2) Only B and C
- (3) Only B
- (4) A and C

19. Sound waves cannot travel through a
- (1) Copper wire placed in air
 - (2) Silver slab placed in air
 - (3) Glass prism placed in water
 - (4) Wooden hollow pipe loaded in a vacuum
20. Ultrasonic waves are produced by making use of
- (1) ferromagnetic material
 - (2) ferrimagnetic material
 - (3) piezoelectric material
 - (4) pyroelectrical material

GENERAL INTELLIGENCE AND REASONING ABILITY

21. A, B and C are three mountaineers. A is B's brother. B is C's brother. C is not A's brother. Therefore C is A's sister.
- (1) False
 - (2) Probably false
 - (3) True
 - (4) Can't say
22. Statements :
- I. I surf internet only when I am bored.
 - II. I am never bored when I have my friend's company.
 - III. Whenever I go for holiday, I take my friends along.
- Choose the Conclusion which logically follows the statements.
- (1) If I am bored, I surf internet.
 - (2) If I am not bored, I do not surf internet.
 - (3) If I am not with my friend, I surf internet.
 - (4) If I am bored, I go for holiday.

23. **Statement:** Incessant rain for the past several days has posed the problem of overflowing and flood as the river bed is full of silt and mud.
- Courses of action :**
- I. The people residing near the river should be shifted to safe place.
 - II. The people should be made aware about the danger through media.
 - III. The silt and mud from the river bed should be cleared from the river bed immediately after receding of the water level.
- Which of the following follows?
- (1) Only I and II follow
 - (2) Only II and III follow
 - (3) None follows
 - (4) All follow
24. **Statement :** "If you want to study management, join institute X" - A's advice to B.
- Assumptions :**
- I. B listens to A's advice.
 - II. Institute 'X' provides good management education.
- Which of the following assumptions are implicit?
- (1) Only I is implicit
 - (2) Either I or II is implicit
 - (3) Neither I nor II is implicit
 - (4) Both I and II are implicit
25. **Statement :** Should school education be made free ?
- Arguments :**
- I. Yes, this is the only way to improve the level of literacy.
 - II. No, it will be a burden to the exchequer.
- Which of the following is a strong argument?
- (1) Only I is strong
 - (2) Only II is strong
 - (3) Either I or II is strong
 - (4) Both I and II are strong

26. Statements :

Some hens are cows.

All cows are horses.

Conclusions :

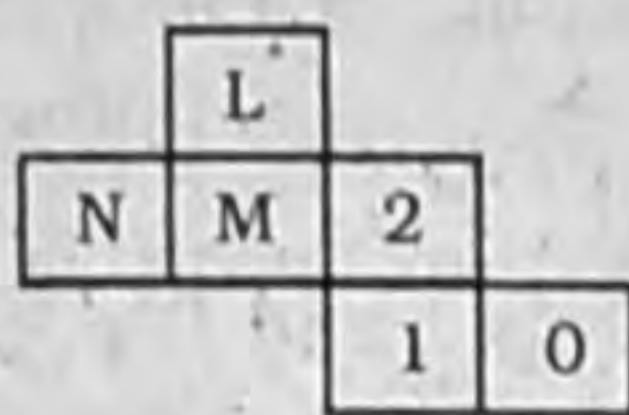
I. Some horses are hens.

II. All hens are horses.

Which of the following definitely follows ?

- (1) Only I follows
- (2) Only II follows
- (3) Either I or II follows
- (4) Neither I nor II follows

27. When the paper below marked with letters and numbers are folded, what will be opposite to 0?



- (1) L
- (2) M
- (3) N
- (4) 2

28. A certain number of horses and an equal number of men are going somewhere. Half of the owners are on their horses back while the remaining are walking along leading their horses. If the number of legs walking on the ground is 70, how many horses are there ?

- (1) 10
- (2) 12
- (3) 14
- (4) 16

29. How many words are listed in the 1280 page dictionary ?

Statements :

I. Page 387 lists 200 words.

II. There are 2000 words listed under 'A'.

- (1) Question can be answered by one of the statements alone but not by the other.
- (2) Question can be answered by either statement alone.
- (3) Question can be answered by using both the statements together.
- (4) Question cannot be answered by either of the statements.

30. Complete the matrix :

12	15	21
8	7	26
?	41	34

- (1) 41
- (2) 60
- (3) 47
- (4) 51

31. While going towards the East, Tilak reached a crossing. He wants to go to University. The road straight ahead leads towards a market, the road left to him leads towards a community park. In which direction is the University ?

- (1) East
- (2) West
- (3) North
- (4) South

Directions (32-36) : Read the following information and answer the questions.

The director of the institute has announced that six guest lectures on different areas like Leadership, Decision Making, Quality Circles, Motivation, Assessment Centre and Group Discussion are to be organised once on each day from Monday to Sunday.

Motivation should be organised immediately after Assessment Centre. Quality Circle should be organised on Wednesday and should not be followed by Group Discussion. Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion. One day there will be no lecture (Saturday is not that day), just before that day Group Discussion will be organised.

32. Which of the two Lectures were organised on first and last day?

- (1) Quality Circle and Motivation
- (2) Leadership and Assessment Centre
- (3) Group Discussion and Quality Circle
- (4) None of these

33. How many lectures are organised between Motivation and Quality Circle ?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

34. Which day will the lecture on Leadership be held?

- (1) Tuesday
- (2) Friday
- (3) Wednesday
- (4) None of these

35. On which day there is no lecture?

- (1) Tuesday
- (2) Friday
- (3) Wednesday
- (4) None of these

36. When is lecture on Motivation held ?

- (1) Sunday
- (2) Monday
- (3) Tuesday
- (4) Wednesday

37. If BOMBAY is written as MYMYMY, how will TAMILNADU be written in that code?

- (1) ALDALDALD
- (2) MNUMNUMNU
- (3) TIATATIA
- (4) IATATIAT

38. Find the missing letters in the pattern :

_ _cccc_ _c_ _dc_ _d.

- (1) cccdcddd
- (2) ddddcccc
- (3) cdcdcddc
- (4) cccdcdd

39. Pick the wrong number in the sequence :

36, 20, 12, 8, 6, 5.5, 4.5.

- (1) 5.5
- (2) 6
- (3) 8
- (4) 20

40. Complete the analogy :

Ocean : Water :: Glacier : ?

- (1) Mountain
- (2) Snow
- (3) Cave
- (4) Field

ARITHMETICAL AND NUMERICAL ABILITY

41. What quantity must be added to each term of the ratio 8 : 15 so that it becomes equal to 3 : 5?

- (1) 3
(2) 4
(3) 2.5
(4) None of these

42. If $x^2 + 6y^2 = 5xy$, then $\frac{x}{y} = ?$

- (1) 2 or 3
(2) 2 or 4
(3) 1 or 3
(4) None of these

43. The value of $\left(\frac{9}{4}\right)^{\frac{3}{2}}$ is

- (1) $\frac{27}{8}$ (2) $\frac{3}{2}$
(3) $\frac{2}{3}$ (4) $\frac{8}{27}$

44. The largest integer which divides 105 and 315 is

- (1) 315 (2) 15
(3) 105 (4) 5

45. A train runs at a speed of 28 kmph for 4 hours and at 30 kmph for 5 hours and the remaining 48 km. in 1 hour. What is the average speed in kmph?

- (1) 30.2 (2) 40
(3) 30 (4) None of these

46. Divide 36 into two parts such that the sum of the reciprocals is $\frac{1}{8}$.

- (1) 25 and 11 (2) 24 and 12
(3) 10 and 16 (4) 14 and 22

47. When 40% of a number is added to 42, the result is the number itself. Then, the number is

- (1) 50 (2) 60
(3) 70 (4) None of these

48. What per cent is 7 paise of Rs. 75?

- (1) $\frac{28}{3}$ (2) $\frac{3}{28}$
(3) $\frac{7}{75}$ (4) None of these

49. The selling price of an article is Rs. 3,680 and profit percentage is 15%. The cost price of the article is

- (1) Rs. 2,200 (2) Rs. 3,200
(3) Rs. 3,000 (4) Rs. 4,000

50. In a class of 50 students, 15 do not participate in any games and the rest play atleast one of two games Hockey or Kabaddi. 25 play Hockey and 20 play Kabaddi. Find the number of students who play both.

- (1) 45 (2) 10
(3) 15 (4) 30

51. Which of the following is not a rational number?

- (1) 2 (2) $-\frac{3}{5}$
(3) 0 (4) π

52. If the surface area of a sphere is 2464 cm^2 , then its volume is

- (1) $\frac{10976}{3} \pi \text{ cm}^3$
(2) $\frac{10000}{3} \pi \text{ cm}^3$
(3) $\frac{10^5}{3} \pi \text{ cm}^3$

(4) None of these

53. The perimeter of a semi-circular plate of diameter 14 cm is

- (1) 22 cm. (2) 30 cm.
(3) 36 cm. (4) 40 cm.

54. The sum of the ages of a father and his son is 45 years. Five years ago, the product of their ages (in years) was 124. Their present ages are (in years)

- (1) 36 and 9
(2) 40 and 5
(3) 24 and 15.5
(4) 35 and 10

55. Ms. Sonika invested Rs. 6,000 for 3 years and received Rs. 1,080 as interest. Then, the rate of simple interest is

- (1) 7% (2) 8.5%
(3) 6% (4) 10%

56. In what time will Rs. 4,000 at 3% simple interest produce the same income as Rs. 5,000 in 5 years at 4% simple interest?

- (1) 8 years
(2) 9 years
(3) 8.33 years
(4) 10 years

57. The compound interest on Rs. 18,000 in 2 years at 15% per annum interest is (in rupees)

- (1) 5,000 (2) 5,805
(3) 4,500 (4) None of these

58. Two men X and Y start from a common point. X walks at 5 km per hour and Y walks at 4 km per hour. How many kilometres will they be apart after 3 hours if they walk in opposite directions?

- (1) 3 km. (2) 9 km.
(3) 27 km. (4) None of these

59. A sum of Rs. 41 was divided among boys and girls. Each boy gets 90 paise and each girl gets 65 paise. If there are altogether 50 children, find the number of boys (B) and girls (G).

- (1) B = 34, G = 16
(2) B = 16, G = 34
(3) B = 25, G = 25
(4) B = 30, G = 20

60. The average of 49 items is 24. If one more item is added to them, then the average becomes 24.5. Then, the value of the 50th item is

- (1) 50 (2) 25
(3) 49 (4) None of these

हिन्दी भाषा और बोध

61. देव + ईश = 'देवेश' यह कौन-सी संधि है?

- (1) व्यंजन संधि (2) विसर्ग संधि
(3) गुण संधि (4) अयादि संधि

62. निम्नलिखित में से 'आकाश' शब्द का पर्यावाची नहीं है :

- (1) नभ (2) नीरज
(3) अंबर (4) अंतरिक्ष

63. क्रोध रूपी अग्नि = 'क्रोधाग्नि' यह कौन-सा समास है?

- (1) कर्मधारय समास
(2) द्वन्द्व समास
(3) अव्ययीभाव
(4) बहुव्रीहि समास

64. "कृष्ण ने कंस को मारा" इस वाक्य में कारक क्रमशः हैं :

- (1) कर्म, करण (2) करण, संप्रदान
(3) कर्ता, कर्म (4) संबंध, कर्ता

65. "राम नयी पुस्तक लाया" इस वाक्य में राम _____ है।

- (1) विशेषण
(2) व्यक्तिवाचक संज्ञा
(3) भाववाचक संज्ञा
(4) कर्म कारक

66. अशुद्ध वाक्य पहचानिये।

- (1) सीता घर चली।
(2) राम पहाड़ पर चढ़ा।
(3) राम ने ग्रंथ पढ़ा।
(4) हम ने सामने बैठे।

67. "हाथी आता है" यह वाक्य बहुवचन में होता है :

- (1) हाथीयों आता है
(2) हाथी आते हैं
(3) हाथीयें आती है
(4) हाथे आते है

68. इनमें पुल्लिंग शब्द हैं :

- (1) गरीबी, गरमी, बीमारी
(2) लाश, तलाश, कोशिश
(3) प्रार्थना, दया, कृपा
(4) पानी, घी, दही

69. विलोम शब्दों को जोड़कर लिखिए।

(अ) (ब)

1. उदय अ. अवरोह
2. उत्थान आ. अस्त
3. सगुण इ. दीर्घ
4. आरोह ई. निर्गुण
5. लघु उ. पतन

(1) 1 - आ 2 - ई 3 - इ 4 - अ 5 - उ

(2) 1 - उ 2 - अ 3 - आ 4 - ई 5 - इ

(3) 1 - ई 2 - इ 3 - आ 4 - उ 5 - अ

(4) 1 - आ 2 - उ 3 - ई 4 - अ 5 - इ

70. "मोहन पुस्तक पढ़ता है" यह वाक्य कर्मवाच्य में होता है:

- (1) मोहन पुस्तक पढ़ेगा।
(2) मोहन पुस्तक पढ़ता था।
(3) मोहन से पुस्तक पढ़े जाते हैं।
(4) मोहन से पुस्तक पढ़ी जाती है।

71. जोड़कर लिखिए।

(अ) (ब)

1. 25 अ. अठहत्तर
2. 78 आ. पच्चीस
3. 38 इ. उन्तीस
4. 54 ई. अडतीस
5. 29 उ. चौवन

(1) 1 - आ 2 - अ 3 - ई 4 - उ 5 - इ

(2) 1 - अ 2 - इ 3 - आ 4 - उ 5 - ई

(3) 1 - इ 2 - उ 3 - आ 4 - अ 5 - ई

(4) 1 - उ 2 - आ 3 - अ 4 - ई 5 - इ

72. निम्नलिखित मुहावरों को सही अर्थों के साथ जोड़िये।

(अ) (ब)

1. तू-तू मैं मैं अ. भारी कष्ट आ करना पड़ना
2. पहाड़ टूटना आ. हँसी उड़ाना
3. अँगूठे चूमना इ. झगड़ा करना
4. खिल्ली ई. चापलूसी करना उड़ाना

(1) 1 - आ 2 - इ 3 - अ 4 - ई

(2) 1 - इ 2 - अ 3 - ई 4 - आ

(3) 1 - ई 2 - आ 3 - इ 4 - अ

(4) 1 - अ 2 - ई 3 - आ 4 - इ

73. 'स्वच्छता' शब्द _____ है।

- (1) सर्वनाम (2) विशेषण
(3) उपसर्ग (4) संज्ञा

74. "अहा! चोर पकड़ा गया"। इस वाक्य में 'अहा' क्या है?

- (1) विस्मयादि बोधक
(2) विशेषण
(3) क्रिया विशेषण
(4) सर्वनाम

75. निम्नलिखित शब्दों को उनकी ध्वनियों के साथ जोड़िये।

(अ) (ब)

1. हाथी अ. फुफकारता है
2. मेंढक आ. खो-खो करता है
3. बंदर इ. टरता है
4. साँप ई. चिंघाड़ता है

(1) 1 - ई 2 - इ 3 - आ 4 - अ

(2) 1 - आ 2 - अ 3 - ई 4 - इ

(3) 1 - अ 2 - ई 3 - इ 4 - आ

(4) 1 - इ 2 - ई 3 - अ 4 - आ

76. निम्नलिखित 'अ' भाग के शब्दों को 'ब' भाग के शब्दों से जोड़िये।

(अ) (ब)

1. लताओं का अ. गट्ठर
2. मधुमक्खियों का आ. काफिला
3. यात्रियों का इ. छत्ता
4. वस्त्रों का ई. कुंज

(1) 1 - आ 2 - अ 3 - ई 4 - इ

(2) 1 - ई 2 - इ 3 - आ 4 - अ

(3) 1 - इ 2 - ई 3 - अ 4 - आ

(4) 1 - अ 2 - ई 3 - इ 4 - आ

77. 'गायत्री गीत गाती है' यह वाक्य सामान्य भूतकाल में

- (1) गायत्री ने गीत गाया।
(2) गायत्री ने गीत गाती थी।
(3) गायत्री गीत गाया थी।
(4) गायत्री गीत गाये।

78. 'दुबला' शब्द में 'दु' क्या है?

- (1) प्रत्यय (2) उपसर्ग
(3) कारक (4) समास

79. 'अ' भाग के शब्दों को 'ब' भाग के शब्दों के साथ जोड़िये।

(अ)

(ब)

- | | |
|---------------------------------------|-------------|
| 1. जब तक जीवन है तब तक | अ. नास्तिक |
| 2. जो ईश्वर को न माने | आ. जिज्ञासु |
| 3. जो सब कुछ जानता हो | इ. आजीवन |
| 4. जिसे किसी बात की जानने की इच्छा हो | ई. सर्वज्ञ |

- (1) 1 - आ 2 - इ 3 - अ 4 - ई
(2) 1 - अ 2 - इ 3 - आ 4 - ई
(3) 1 - इ 2 - अ 3 - ई 4 - आ
(4) 1 - ई 2 - आ 3 - अ 4 - इ

80. 'काला घोड़ा जीत गया' वाक्य में विशेषण है :

- (1) काला (2) घोड़ा
(3) जीत (4) गया

ENGLISH LANGUAGE AND COMPREHENSION

Directions (81-83) : Fill in the blanks with suitable preposition.

81. I shall be glad _____ your co-operation in this matter.
(1) of (2) for
(3) with (4) at
82. Don't hanker _____ wealth and position.
(1) in (2) after
(3) for (4) by
83. He dwelt at some length _____ the problem of student unrest.
(1) in (2) for
(3) on (4) through

Directions (84-86) : Use the correct verb and fill in the blanks.

84. The clock has _____ five.
(1) strike (2) struck
(3) stricken (4) stroke
85. They have _____ the sheep.
(1) sheared (2) shorn
(3) shear (4) shearn
86. Christ _____ his crucifiers.
(1) forgive (2) forgave
(3) forgot (4) forgiven

Directions (87-88) : Select the sentence which is grammatically wrong.

87. (1) Nobody known it better than me.
(2) You may do as you please.
(3) I am so deaf that I cannot hear the thunder.
(4) He is older than he looks.
88. (1) Each of these substance is found in India.
(2) Either you or he is mistaken.
(3) Many a man does not know his own good deeds.
(4) Sanskrit, as well as Arabic, was taught there.

Directions (89-90) : Add suitable question tags.

89. I needn't get up early tomorrow _____?
(1) need I (2) do I
(3) don't I (4) should I
90. Have some more rice, _____?
(1) do you
(2) don't you
(3) will you
(4) can't you

Directions (91-92) : Change the following sentences to affirmative.

91. Ram is not so foolish as you think.
(1) Ram is a wise person.
(2) Ram is not very wise.
(3) Ram is wiser than you think.
(4) Ram is not wiser as you think.
92. I don't possess anything else.
(1) This is all I possess.
(2) My possession is not much.
(3) My possession are not better than others.
(4) None of the above

Directions (93-94) : Complete the following sentence using correct options.

93. The gem is too small.
(1) that it can't be seen with the naked eyes.
(2) to be seen with the naked eyes.

Directions (93-94) : Complete the following sentence using correct options.

93. The gem is too small.
(1) that it can't be seen with the naked eyes.
(2) to be seen with the naked eyes.

(3) for seeing it with naked eyes.

(4) that nobody could see it with naked eyes.

94. As soon as the speech started,

- (1) then the demonstrators rushed to the platform.
(2) when the demonstrators rushed to the platform.
(3) the demonstrators rushed to the platform.
(4) than the demonstrators rushed to the platform.

Directions (95-96) : Fill in the blanks with correct idiom.

95. If you see a bull in the pasture, _____
(1) make yourself abundant
(2) make yourself invisible
(3) make yourself seen
(4) make yourself scarce

96. That was a _____ the bus nearly hit the cyclist.

- (1) close catch
(2) far call
(3) close signal
(4) close call

Directions (97-98) : Pick out the word that is most nearly the same in meaning as the words in capitals.

97. VICARIOUSLY

- (1) loudly
(2) daringly
(3) with deliberation
(4) by substitute

98. REPEAL

- (1) to pay back
(2) undress
(3) say again
(4) withdraw

Directions (99-100) : Select the antonym of the given word.

99. EVOCATIVE

- (1) eventful (2) callous
(3) evoke (4) charitable

100. ACCEDE

- (1) demur (2) proceed
(3) acquiesce (4) recede