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INSIGHTS REVISION TESTS FOR PRELIMS 2018

Serial No. 15
Days. 65-66

TEST BOOKLET
GENERAL STUDIES
Paper---1



Time Allowed : Two Hours

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **Please note that it is the candidate's responsibility to encode and fill in the Roll number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.**
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. *DO NOT* write *anything else* on the Test Booklet.
4. This Test Booklet contains **100** items (Questions). Each item is printed in both **Hindi** and **English**. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.
5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided. See direction in the answers sheet.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer sheet the response to various items in the Test booklet, you have to fill in some particulars in the answer sheets as per instruction sent to you with your Admission Certificate.
8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
9. Sheet for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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SERIES – 15 : QUESTIONS (Days 65-66)

1. Which of the following is/are correct about Hampi ?

1. It is located in Krishna-cauvery basin
2. It was the capital of Vijayanagara empire
3. Cementing agent was excessively used by the kings for forts
4. It is a part of HRIDAY programme

- a) Only 2
- b) Only 1,2 and 3
- c) Only 1 and 2
- d) 1,2,3 and 4

2. Consider the following statement

1. The songs compilations of Nayanars are *tevaram* and *tiruvakam*
2. Andal is a famous woman Nayanar saint

Which of the above statements is/are correct ?

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) Neither 1 nor 2

3. Which of the following statements is/are correct ?

1. Sikhism has influences of bhakti tradition
2. It is a syncretic religion
3. Guru Arjan gave it a militaristic outlook

- a) Only 1
- b) Only 2 and 3
- c) Only 1 and 2
- d) 1, 2 and 3

4. Which of the following is/are **NOT** correct ?

1. *Lilatilakam* a 14th century text dealt with grammar and politics
2. It was composed in manipravalam language
3. *Manipravalam* was a mixture of Sanskrit and tamil

Select the correct answer using codes below

- a) Only 1 and 2
- b) Only 2 and 3
- c) Only 3
- d) Only 1 and 3

5. Jagannatha temple at Puri is a pilgrimage centre today. Which of the following is/are correct about it ?

1. It is based on Vaishnavite cult
2. The deity has a tribal inspiration
3. The temple was built by King Anangabhima III

Select the correct answer using the code below.

- a) Only 1
- b) Only 2 and 3
- c) Only 1 and 2
- d) 1, 2 and 3

6. Which of the following is **NOT** correct about *Kathak*?

- a) It is hugely influenced by bhakti movement
- b) It is a dance form which narrates stories
- c) It was disallowed in Mughal courts
- d) It is one of the Classical dances today

7. Which of the following is/are responsible for the downfall of Hindu states during medieval India?

1. Lack of unity among them.
 2. Outdated military methods used by them.
 3. Work division based on Varna system.
- a) Only 2
b) Only 1 and 2
c) 1, 2 and 3
d) Only 1 and 3

8. Consider the following statements

1. Iltumish patronised the great scholar Hasan Nizami
2. Qutubudin Aibak was called Lakh *Baksh* by the Muslim writer

Which of the above statements is/are correct ?

- a) Only 1
b) Only 2
c) Both 1 and 2
d) Neither 1 nor 2

9. Who was the first Sultan to impose irrigation tax ?

- a) Muhammad bin Tughlaq
b) Firoz Shah Tughlaq
c) Allauddin Khilji
d) Iltumish

10. *Ariz-i-mumalik* headed the military department under the Delhi Sultana technology.

Which of the following is /are correct about him?

1. He was responsible for recruiting the soldiers and administering the military department.
2. He was commander in chief of the Army

Select the correct answers using code below

- a) Only 1
b) Only 2
c) Both 1 and 2
d) Neither 1 nor 2

11. Which of the following is /are correct about *Jiziya*?

1. *Jiziya* was not a separate tax since beginning under Muslim rule
2. At times Brahmins were exempted from paying *Jiziya*
3. Firoz Tughlaq made it a part of Land Tax

Select the correct answers using the codes below

- a) Only 1 and 2 b) Only 2
c) Only 2 and 3 d) Only 1

12. Consider the following statements

1. Tughlaq architecture combined both arch and dome features
2. They mostly used red sand stone for their building.
3. Muhammad bin Tugulaq built the city Tughlaqabad.

Which of the above statements is /are **NOT** correct ?

- a) Only 1
b) Only 2
c) Only 2 and 3
d) Only 3

13. Which of the following is **NOT** correct about *Vishistadvaita* philosophy propounded by Ramanujacharya ?

- a) God is a Saguna brahman
b) Self-surrender to God is the way to achieve him
c) Soul and matter are not Real
d) His philosophy was rooted in Vaishnavism

14. Which of the following is/are feature/features of Swadeshi movement?

1. Emphasis on self-reliance
 2. Extensive participation of the peasantry
 3. Cultural revivalism
- a) Only 3
b) Only 2 and 3
c) Only 1 and 3
d) 1,2 and 3

15. Consider the following statements

1. The first session of Indian National Congress was presided by W.C Banerjee.
2. Kamaladevi Chattopadhyay addressed the session in 1885

Which of the above statement is/are **NOT** correct?

- a) Only 1
b) Only 2
c) Both 1 and 2
d) Neither 1 nor 2

16. Who started the newspaper *Al Hilal* ?

- a) Maulana Azad
b) Mohammmd Ali
c) Hasrat Mohani
d) Muhammad Ali Jinnah

17. Which of the following was/were a part of Vivekananda's ideas ?

1. Fundamental oneness of God.
 2. Social action along with knowledge.
 3. Usage of Modern science and technology for the development of the nation
- a) Only 1 and 2
b) Only 2
c) Only 1 and 3
d) 1, 2 and 3

18. Consider the following statements

1. Servants of Indian Society was founded by Gopal Krishna Gokhale.
2. *Sudharak* was the periodical which projected the views of the Society
3. Gopal Ganesh Agarkar started the periodical *Sudharak*

Which of the above statements is /are correct?

- a) Only 1 and 3
b) 1, 2 and 3
c) Only 1 and 2
d) Only 1

19. Which of the following statements is/are correct ?

1. Social service league was founded by Narayan Malhar Joshi
2. He was one of the founding members of All India Trade Union Congress.

Select the correct answer using the code below

- a) Only 1
b) Only 2
c) Both 1 and 2
d) Neither 1 nor 2

20. Match the following

<u>Women's Organisations</u>		<u>Founder</u>	
1. Bharat Stree Mahamandal	:	Mehribai	Tata
2. Bharat Mahila Parishad	:	Sarala Devi	Chaudhurani
3. Arya Mahila Samaj	:	Pandita	Ramabai
4. National Council of women in India	:	Ramabai	Ranade
1	2	3	4
a) D	B	C	A
b) B	D	C	A
c) B	D	A	C
d) D	B	A	C

21. Which of the following ideas was/were supported by Dayananda Saraswati ?

1. A classless and casteless society
 2. Vedic nation of Chaturvana system
 3. Infallibility of Vedas and Puranas
- a) Only 2 and 3
 - b) Only 2
 - c) 1,2 and 3
 - d) Only 1 and 2

22. Which of the following explains why one side of a mountain usually has more precipitation than the other side?

- a) Mountains force air to rise, and air cools and releases moisture as it rises
- b) The atmosphere gets denser as elevation increases
- c) Temperatures are higher on one side of a mountain than on the other
- d) The land on one side is more green and lush than the other

23. Which of the following statements describes an anticyclone?

- (a) It is an area of low pressure
- (b) It is an area of high pressure
- (c) It has air masses that meet and rise
- (d) It moves in the direction of the Earth's rotation

24. "They are the largest and deepest intrusive features. They are often the magma chambers of volcanoes." To which intrusive volcanic landform is the above statement referring?

- a) Batholith
- b) Lopolith
- c) Phacolith
- d) Laccolith

25. The type of soil called loam is made up of

- a) Purely humus
- b) Mostly clayey
- c) Nearly equal amount of sand, silt and clay
- d) Sand and gravel

26. The most prominent feature in the oceans, forming an almost continuous mountain range, is the

- a) Abyssal plain
- b) Deep ocean trench
- c) Seamount
- d) Mid-ocean ridge

27. The California Ocean current, which flows along the west coast of North America, is a

- a) Cold current, flowing south
- b) Cold current, flowing north
- c) Warm current, flowing north
- d) Warm current, flowing south

28. 'Syntaxial Bend' is a feature of which one of the following?

- a) Himalayas
- b) Aravallis
- c) Satpuras
- d) Vindhyas

29. Which one of the following is the junction point of the Eastern Ghats and Western Ghats

- a) Javadi hills
- b) Anaimalai hills
- c) Nilgiri hills
- d) Shevaroy hills

30. Bhabar belt is found in the

- a) Chota Nagpur plateau
- b) Himalayan Piedmont zone
- c) Western Ghats
- d) Coastal Orissa

31. During winter, north-western part of India gets rainfall from

- a) Thunderstorms
- b) Retreating monsoon
- c) Tropical cyclones
- d) Western disturbances

32. Which one of the following pairs of lands is separated from each other by the 'Ten Degree Channel'

- a) Andaman and Nicobar
- b) Nicobar and Sumatra
- c) Maldives and Lakshadweep
- d) Sumatra and Java

33. Which one of the following places is located at the confluence of Alaknanda and Bhagirathi

- a) Vishnuprayag
- b) Devaprayag
- c) Rudraprayag
- d) Karnaprayag

34. Consider the following

- 1. Coal – Raniganj
- 2. Diamond – Panna

Which of the following is/are correctly matched

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

35. As per 2011 census which amongst of the following states has already achieved the replacement level of fertility

- a) Assam
- b) Andhra Pradesh
- c) Madhya Pradesh
- d) Jammu Kashmir

36. Consider the following statements

- 1. After Arunachal Pradesh, Assam is the Eastern most state in India
- 2. Tripura shares international boundary with Myanmar

Which of the following statements is/are correct

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

37. River Wainganga is a tributary of

- a) Krishna
- b) Narmada
- c) Godavari
- d) Kaveri

38. Great Nicobar, the southernmost island of Nicobar islands is nearest to which of the following country

- a) Myanmar
- b) Malaysia
- c) Thailand
- d) Indonesia

39. Silent valley National Park is located in

- a) Anaimalai hills
- b) Palani hills
- c) Nilgiri hills
- d) Cardamom hills

40. Which of the following lake is **NOT** part of Great Lakes region of North America

- a) Lake Superior
- b) Great Slave Lake
- c) Michigan Lake
- d) Lake Huron

41. Which of the following is the longest river of Asia

- a) Brahmaputra
- b) Indus
- c) Yangtze
- d) Mekong

CSAT

42. Two persons start walking towards each other from their houses which are 24km apart. Their speeds are 8 km/hr and 10 km/hr respectively. When they will meet each other if both of them start at 8:00 am simultaneously?

- a) 9:00 am
- b) 9:20 am
- c) 9:40 am
- d) 10:00 am

43. If a book is sold at a gain of 6% instead of at a loss of 6%, then the seller gets Rs.9 more. The cost price of the book is:

- a) 75
- b) 45
- c) 60
- d) 90

44. The Compound Interest on Rs.5000 for 3 years at 8% for first year, 10% for second year and 15% for third year will be:

- a) 1655
- b) 1650
- c) 1681
- d) 1831

45. If 25 men can do a piece of work in 36 days working 10 hours a day, then how many men are required to complete the work working 6 hours a day in 20 days.

- a) 150
- b) 75
- c) 45
- d) 90

46. How many 10 digits numbers can be formed by using the digits only 0 and 1?

- a) 2^{10}
- b) 10^2
- c) 2^9
- d) 90

47. A milk man has a mixture of milk and water in which the ratio of milk and water is 5:3. He sells 40 litres of this mixture and then he adds up 15 litres of pure water. Now, the ratio of milk and water is 5:4. What is the new quantity of mixture?

- a) 72 litres
- b) 270 litres
- c) 135 litres
- d) Data insufficient

48. Harsha started a business by investing Rs.36000. After 4 months Varsha joined him with some investment. At the end of the year, the total profit was divided between them in the ratio 9:7. How much capital was invested by Varsha in the business?

- a) Rs.42000 b) Rs.21000
- c) Rs.84000 d) Rs.28000

49. The sum of the ages of a father and his son is 39 years. Five years ago, the product of their ages was 28. The ages of the son and the father are respectively:

- a) 6 years and 33 years
- b) 1 year and 28 years
- c) 7 years and 19 years
- d) 6 years and 28 years

50. A motor boat takes 12 hours to go downstream and it takes 24 hours to return the same distance. What is the time taken by boat in still water?

- a) 8 hours
- b) 12 hours
- c) 16 hours
- d) 9 hours

51. A dice is thrown twice. What is the probability that at least one of the two numbers is 6?

- a) $11/12$
- b) $1/6$
- c) $7/36$
- d) $11/36$

52. Two pipes A and B can fill a tank in 24 minutes and 32 minutes respectively. If both the pipes are opened simultaneously, after how much time B should be closed so that the tank is full in 21 minutes?

- a) 3 minutes
- b) 4 minutes
- c) 6 minutes
- d) 11 minutes

53. Two trains 137m and 163m in length are running towards each other on parallel lines, one at the rate of 42 km/h and another at 48 km/h. In what time will they cross each other completely?

- a) 12 s
- b) 3 min
- c) 3 min
- d) 30 s

54. A rectangular grassy plot of length 125m and breadth 80m has a gravel path 2.5m wide all round it inside the plot. Find the cost of gravelling the path at 75 paise per square metre.

- a) 787.50
- b) 750
- c) 431.25
- d) 393.75

55. How many words with or without meaning can be formed from the letters of word 'INSIGHTS' in such a way that the letters G and H are always together?

- a) 840
- b) 1680
- c) 420
- d) 1260

56. A book is listed at Rs.1500 and a discount of 20% is offered on the list price. What additional discount on the discounted price must be offered to the customer to bring the net price to Rs.1104?

- a) 8%
- b) 10%
- c) 4%
- d) 12%

57. The maximum possible difference between the 4 digit numbers formed by using the four different digits 1, 2, 3 and 5 is:

- a) 4086
- b) 5076
- c) 4386
- d) 3242

58. In an exam, a student gets 3 marks for each correct answer and loses 2 marks for each wrong answer. He attempts 30 questions and obtains 40 marks. The number of questions solved correctly is:

- a) 10
- b) 15
- c) 20
- d) 25

59. A farmer wants to plant 36 mango trees, 144 orange trees and 234 apple trees in his garden. If he wants to plant the equal number of trees in every row, but the rows of mango, orange and apple trees will be separate, then the minimum number of rows in his garden is:

- a) 18
- b) 23
- c) 36
- d) 28

60. The average age of 6 servants in a farmhouse is 28 years. A new and young servant replaces an old servant, then the new average reduces by 1 year. The age of the new servant is:

- a) 26 years
- b) 22 years
- c) 35 years
- d) Can't determined

61. There are number of 20 paise, 50 paise, and Rs.1 in the ratio of 7:8:5. What is the number of coins of 50 paise if the difference between the amount yielded by 20 paise and Rs.1 coin is Rs.18?

- a) 32
- b) 40
- c) 26
- d) 56

62. A page contains 50 lines. A chapter contains 150 pages. A book contains 4 chapters. 25 such books from a bound. If there are totally 30 lakhs lines in an x numbers of bounds then the value of x is:

- a) 3
- b) 4
- c) 5
- d) 6

63. A fruit seller gives away to each of his sons $\frac{1}{12}$, $\frac{5}{18}$, $\frac{7}{30}$ and $\frac{7}{48}$ of the apples in a basket and has only just enough apples to be able to do so without dividing an apple. The minimum number of apples he had?

- a) 250
- b) 720
- c) 750
- d) 240

64. Half-life of a substance is defined as the time period in which a substance becomes just half of it. If it is known that the half-life of a substance 'X' is 512 years, then after 2048 years, 128 g of 'X' becomes:

- a) 8g
- b) 4g
- c) 16g
- d) 32g

65. A student started writing down the counting numbers as 1, 2, 3, 4..... and then he added all those numbers and got the result 100. But when the result was checked it was found that the student had missed a number. What is the missing number?

- a) 15
- b) 14
- c) 10
- d) 5

66. There are five locks exactly with one key for each lock. All the keys are mixed. The maximum number of attempts needed to get the correct combination is:

- a) 15
- b) 20
- c) 25
- d) 10

67. A tank contains water $\frac{5}{6}$ th of its full capacity, then 5 litres of water is taken out and 2 litres is put back. Now, the pot is $\frac{4}{5}$ th What is the capacity of pot?

- a) 72 litres
- b) 80 litres
- c) 90 litres
- d) 108 litres

68. The number of pairs of two numbers whose product is 300 and their HCF is 5:

- a) 2
- b) 3
- c) 4
- d) 5

69. The number of zeros at the end of 100!?

- a) 20
- b) 25
- c) 10
- d) 24

70. In an election between two candidates, the candidate who got 66% valid votes won by a majority of 1024 votes. Find the total number of votes.

- a) 3136
- b) 3264
- c) 3200
- d) 3096

71. For a journey the cost of a child ticket is $\frac{1}{3}$ rd of the cost of an adult ticket. If the cost of the tickets for 5 adults and 4 children is Rs.114, the cost of a child ticket?

- a) 10
- b) 5
- c) 15
- d) 20

72. Five plays A, B, C, D and E are to be staged from Monday to Friday of a week. On each day, only one play will be staged. D or E should not be either the first or last to be staged. E should be immediately followed by C. B should be staged immediately after D. One play is staged between A and B. Which of the following is the correct sequence of staging all the plays?

- a) A D B C E
- b) A E C D B
- c) B D A E C
- d) None of the above

73. Which of the following combinations of subjects and place of stay is not correct?

- a) English- Hostel
- b) Mathematics- PG
- c) Philosophy- Home
- d) Physics- Hostel

74. Which of the following pairs of students stay one each at hostel and at home?

- a) QR
- b) SR
- c) US
- d) Data inadequate

75. By how many minutes does the minute hand move in the same time, in which the hour hand move by 18 degrees?

- a) 24
- b) 36
- c) 48
- d) 54

76. Mr.Ramu's mother's father-in-law's only son's only daughter's son is Chetan. How is Ramu related to Chetan?

- a) Uncle
- b) Nephew
- c) Niece
- d) Father

77. Avi covered 150km distance in 10 hours. The first part of his journey he covered by car, then he hired a rickshaw. The speed of car and rickshaw is 20 km/h and 12 km/h respectively. The ratio of distances covered by car and the rickshaw respectively are:

- a) 2:3
- b) 4:5
- c) 1:1
- d) None of the above

78. 12 women can do a piece of work in 20 days. If 4 women deny to work, then how many more days are required to finish the work?

- a) 6
- b) 10
- c) 12
- d) 15

79. A shopkeeper uses a weight of 450g instead of 500g and sells the articles at the cost price. What is the profit percentage?

- a) 10% b) 5%
c) 11% d) None of the above

80. X can beat Y by 200m in a race of 2000m. Y can beat Z by 100m in a race of 2500m. By how many meters can X beat Z in a race of 1000m?

- a) 680m b) 136m
c) 300m d) 320m

81. Sita has 5 friends. In how many ways can she invite one or more of them to a dinner?

- a) 31
b) 13
c) 5^5
d) 2^5
