

---

---

DO NOT OPEN THE TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

---

---

PANAKKAD SAYYID HYDERALI SHIHAB THANGAL  
**ACADEMY FOR CIVIL SERVICES**

Perinthalmanna, Malappuram, Kerala

PSHS: ACS - ENGLISH

TEST BOOKLET

**PAPER - I**

---

---

Time Allotted- 2 hrs

Maximum marks 200

---

---

**INSTRUCTIONS**

- Immediately after the commencement of the examination, you should check that this test Booklet does not have any unprinted, torn or missing pages. If so, get it replaced by a complete Booklet.
- This test Booklet contains 100 questions printed in English. Each item comprises 4 responses each. You will select the response which you want to mark on the answer sheet. In case you feel that there is more than one response, mark the response you consider the best. In any case, choose **ONLY ONE** response for each questions.
- You have to mark all your responses **ONLY** on the separate answer sheet provided.
- All questions carry equal mark.
- After you have completed filling all your responses in the answer sheet and the examination has concluded, you should handover the invigilator **ONLY THE ANSWER SHEET** you are permitted to take away the test Booklet.
- Sheets for rough work are appended in the test Booklet at the end.

**THERE WILL BE NO PENALTY FOR THE WRONG ANSWERS MARKED BY THE CANDIDATE IN  
THE OBJECTIVE TYPE PAPER.**

---

---

DO NOT OPEN THE TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

---

---

**1. Which of these ensures a nation to be democratic?**

- a) If it has very large voter base
- b) Having a written constitution
- c) If all candidates have a fair chance of competing and winning in elections
- d) Periodic elections

**2. Consider the following statements regarding fundamental rights:**

1. Both fundamental rights and legal rights can be amended by the legislature in the same way.

2. It is a set of unlimited rights.

3. The judiciary is the guardian of fundamental rights.

Choose the correct option.

- (a).1 only                      (b).2 only
- (c).3 only                      (d). all the above

**3. Which of the following writ is available against both public authorities as well as private individuals?**

- (a) Habeas Corpus              (b) Mandamus
- (c) Certiorari                    (d) Quo- Warranto

**4. Mark the incorrect statement/ statements from the following**

1. Citizens can use hereditary titles like Maharaja, Rao, and Bahadur under article 18 of the constitution.

2. Denying access to public places due to caste, religion, etc. does not amount to the practise of untouchability.

- (a) 1 only                      (b) 2 only
- (c) both 1 and 2              (c) neither 1 nor 2

**5. With reference to Fundamental Duties, which one of the following statements is not correct?**

a) The Swaran Singh committee suggested the inclusion of fundamental duties in constitution.

b) Not all fundamental duties suggested by Swaran Singh committee were added to the constitution.

c) Fundamental duties have been amended only once

d) Fundamental duties were first suggested by C. Rajagopalachari.

**6. Consider the following statement/statements regarding Volcanism. Which of them are correct?**

1. Volcanism is the movement of magma towards the earth's surface.

2. Volcanic eruptions aid in the study of the earth's interior.

- (a). 1 only                      (b). 2 only
- (c). both 1 and 2              (d). neither 1 nor 2

**7. Consider the following facts about a colonial law:**

This act was passed on the recommendations of Sedition Committee. This act had been hurriedly passed in the Imperial Legislative Council in despite the united opposition of the Indian members. It gave the government enormous powers to repress political activities and allowed detention of political prisoners without trial for two years.

**Identify the Act:**

- (a) Defence of India Act (1915)
- (b) Prevention of seditious meetings Act (1907)
- (c) Press Act (1910)
- (d) Rowlett Act (1919)

**8. Which of the following statement/statements are correct**

1. Earth receives energy from the Sun through radiation
2. The red colour of the sky during dawn and dusk is due to scattering.
3. Earth heats up atmosphere through conduction.

**Options:**

- (a). 1 only                      (b). both 2 and 3  
(c). both 1 and 3              (d). all of the above

**9. Consider the following statements the Citizenship (Amendment) Act, 2019**

1. The act is applicable to the entire territory of India.
2. The act allows grant of citizenship by naturalisation for certain sections of illegal migrants if they have resided in the country for 5 years.

Which of the statements given above is/are correct?

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2              (d). neither 1 nor 2

**10. Which one of the following is not included in Article 3?**

- (a) Form a new state by separation of territory from any state or by uniting two or more states  
(b) Increase the area of any state,  
(c) Admission or establishment of new states  
(d) Alter the boundaries of any state

**11. Consider the following statements about Quit India movement. Choose the correct statement.**

1. Resolution was proposed by Gandhi
  2. The communists, Muslim league, and Hindu mahasabha opposed the movement
- a) 1 only                      b) 2 only  
c) both 1 and 2              d) neither 1 nor 2

**12. Which of the following countries have land boundary with India**

- (a). Pakistan, Afghanistan, Bhutan, Iran  
(b). China, Pakistan, Thailand, Nepal  
(c). Pakistan, Afghanistan, Bhutan, Myanmar  
(d). Pakistan, Afghanistan, Bhutan, Sri Lanka

**13. Consider the following statements and choose the incorrect one/s**

1. Gandhi set up Harijan campaign for propagating removal of untouchability
  2. Gandhi mixed up the idea of untouchability with other issues like inter caste marriages and inter dining
- (a) 1 only                      (b) 2 only  
(c) both 1 and 2              (d) neither 1 nor 2

**14. Which of the following statement / statements are correct**

1. Tides are happening due to attraction of the Sun and the moon
  2. Wind provides the energy for the waves
- (a). 1 only                      (b). 2 only  
(c). both 1 and 2              (d). neither 1 nor 2

**15. Consider the following statements with reference to Mughal India:**

1. Agra was the first capital of Mughal India.
2. The Jagirdari system was introduced by Mughal dynasty.

Which among the above statements is/are correct?

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2              (d) neither 1 nor 2

**16. Match the following**

- (A). Viticulture- 1 production of fruits and vegetables  
(B). Apiculture- 2 grape cultivation  
(C). Sericulture- 3 rearing bees for honey  
(D). Horticulture- 4 rearing silk from silkworm

**Options:**

- a) A-2, B-3, C-4, D-1  
b) A-1, B-2, C-3, D-4  
c) A-1, B-2, C-2, D-3  
d) A-4, B-2, C-3, D-1

**17. With reference to the Land revenue system of Mughal India, consider the following statements;**

1. Dahsala system was introduced by Aurangzeb.
2. Under the Zabti System the peasant was given remission in the land revenue.

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2              (d) neither 1 nor 2

**18. Match the following persons with associated activities**

- A. White revolution-1 Varghese Kurien  
B. Green revolution-2 MS Swaminathan  
C. Yellow revolution- 3 Sam Pitroda  
D. Silver Revolution- 4 Indira Gandhi

**Options:**

- (a) A-2, B-3, C-4, D-1  
(b) A-1, B-2, C-3, D-4  
(c) A-1, B-2, C-3, D-1  
(d) A-1, B-2, C-3, D-4

**19. Consider the following statements;**

1. Humayun undertook the construction of Dinpanah city.
2. Shersha restored the old imperial road called Grand Trunk Road

Which of the statements given above is/are correct?

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2              (d) neither 1 nor 2

**20. Which of the following activities increase the inflation (inflation is the rise in prices of commodities).**

- (a). Increasing taxes.  
(b). Printing and distributing more currency notes.  
(c). Reducing subsidies.  
(d). Decreasing government spending.

**21. With reference to the political history of medieval India, the term 'Muqaddams' refers to**

- (a) Custodian                      (b) Market Town  
(c) Village Headmen              (d) Military officer

**22. Which Mughal emperor transferred his capital from Agra to Delhi?**

- (a) Akbar                      (b) Jahangir  
(c) Shah Jahan                (d) Aurangzeb

**23. Choose the correct statement**

1. GDP is the market value of all goods and services produced within the boundary of a country

2. Only final goods (final goods are the goods consumed by the customer) are calculated while calculating National Income

- (a). 1 only.                      (b). 2 only.  
(c). both 1 and 2.              (d). neither 1 nor 2.

**24. Nanaghat inscription can be attributed to which of the following dynasties:**

- (a) Kadamba                      (b) Satvahana  
(c) Ishkvaku                      (d) Rashtrakuta

**25. Choose the correct statement/ statements regarding agriculture.**

1. The contribution of the agricultural sector is bigger than the service sector in the GDP of the country.

2. Government gives only power and irrigation subsidies to farmers.

- (a). 1 only                              (b). 2 only  
(c) Both 1 and 2                      (d) neither 1 nor 2

**26. Consider the following statement and choose the correct one**

1. In March 1940 the Muslim League demanded the creation of Pakistan

2. Complete Independence to India was offered by British through August offer 1940 with the partition of India

- a) 1 only                              (b) 2 only  
(c) both 1 and 2                      (d) neither 1 nor 2

**27. Choose the correct statements regarding land reform.**

1. Land reforms were successful in Kerala and West Bengal compared to other states.

2. Land reforms refer to the redistribution of land from the Zamindars to the farmers.

3. It improved the living conditions of the peasants.

- (a) both 1 and 2                      (b). both 2 and 3  
(c) both 1 and 3                      (d). all of the above

**28. Consider the following statements:**

1) The state of Tamil Nadu has the largest number of factories in India.

2) Tamil Nadu is also the largest producer of cotton yarn in India.

Which of the above statements is/are correct?

- (a) 1 only                              (b) 2 only  
(c) both 1 and 2                      (d) neither 1 nor 2

**29. What are the impacts of the green revolution?**

- (A). Food production increased.  
(B). Food production decreased  
(C). Farmers' income decreased.  
(D). Farm production decreased.

**30. Consider the following pairs of regions and countries mentioned in news**

- |             |   |           |
|-------------|---|-----------|
| 1) Tehran   | — | Iran      |
| 2) Busan    | — | Japan     |
| 3) Kharkiv  | — | Ukraine   |
| 4) Victoria | — | Australia |

Which of the pairs given above are correctly matched?

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

**31. Consider the following statements related to preamble of the constitution**

1. Preamble refers to preface of the constitution
2. Date of adoption of the constitution is November 26, 1949
3. The term republic in the constitution means India always has an elected head called President

Which of the above statements are correct?

- (a). 1 only                      (b). both 1 and 3  
(c). all of the above      (d). none of the above

**32. Which of the following countries in Northern Europe does not open out to the Baltic Sea?**

- (a). Finland                      (b). Iceland  
(c). Russia                      (d). Lithuania

**33. Consider the following and find out which of the following is related to impact of La Nina**

1. High pressure in eastern pacific
2. Heavy floods in Australia
3. High temperature in western pacific
4. High temperature in Indian Ocean
5. Good rains in India

- (a). 1,2,3,4 and 5                      (b). 1, 2 and 4 only  
(c). 1, 2 and 5 only                      (d). 2, 3 and 5 only

**34. Consider the following statement regarding Citizenship**

1. A foreigner is also eligible for the office of the President of India
2. Parliament can enact laws related to Citizenship
3. State can discriminate between a citizen and foreigner in matters of public employment

**Which of the above statement/ statements are correct?**

- (a). 1 only                      (b). both 1 and 2  
(c). both 2 and 3                      (d). all of the above

**35. Consider the following statements:**

- 1) Aravallis Range is spread over five states in India.
- 2) Its Direction is almost parallel to the direction of South-west monsoon.

Which of the above statements is/are correct?

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2                      (d) neither 1 or 2

**36. Consider the following statements regarding the enactment of the constitution**

1. The Constitution was enacted before independence
2. B.R. Ambedkar was the chairman of the constitution drafting committee

Which of the following statements are correct?

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2                      (d). neither 1 nor 2

**37. Consider the following statements;**

1. Eastern Ghats are comparatively higher in elevation than Western Ghats.
2. Eastern coastal plains are an example of submerged coastal plain.
3. Rivers flowing through Western coastal plains do not form any delta.

Which of the statements given above is/are correct?

- (a) 1 only                      (b) 1 and 2 only  
(c) 3 only                      (d) 1, 2 and 3

**38. Consider the following statements:**

1. RBI had adopted Consumer Price Index as the key measure of inflation.
2. Increase in reverse repo rate will increase inflation.

Which of the above statement/s is/are correct?

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2            (d) neither 1 nor 2

**39. Consider the following statements regarding fundamental duties**

1. India is the first country to have fundamental duties
2. Respecting national flag and national anthem is a fundamental duty
3. Original constitution contained both fundamental rights and fundamental duties

**Which of the above statement/ statements are correct?**

- (a). 1 only                      (b). 2 only  
(c). 1 and 2 only              (d). 2 and 3 only

**40. The difference between the Revenue Deficit and the Effective Revenue Deficit is?**

- a. The subsidies provided by the government.
- b. The Tax Expenditure
- c. The Primary Deficit
- d. The grants for the creation of Capital Assets

**41. Which of the following statements regarding Gautama Buddha and Buddhism are correct?**

1. Buddhism condemned caste system.
2. Gautama Buddha attained enlightenment at Bodhgaya in Uttar Pradesh.
3. Buddha was born in Nepal.

- (a). 1 only                      (b). both 1 and 3  
(c). 1, 2 and 3                (d). 3 only

**42. Which of the following are the most prudent ways to increase Tax to GDP ratio?**

1. Increasing excise duty on crude oil.
2. Formalization of the labour market.

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2            (d) neither 1 nor 2

**43. Which of the below statement/ statements are correct?**

1. Emperor Asoka followed a policy of peace and non-aggression throughout his life
2. Arthashastra was written by Kautilya
3. Kautilya was the law minister Asoka

- (a). 2 only                      (b). both 2 and 3  
(c). both 1 and 3            (d). 3 only

**44. FASTag was in the news recently related to:**

- (a) Tagging system associated with electronic toll collection in highways.
- (b) Tagging luggages for improving air cargo services.
- (c) Geo tagging of MGNREGA activities post construction.
- (d) New spectrum allotment in 5G telecommunication technology

**45. Choose the correct chronological order of kings**

1. Marthandavarma
2. Aladdin Khilji
3. Muhammad Bin Tughlaq
4. Jahangir

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

**46. Which of the below statement/ statements are correct?**

1. Kunjali Malakar was the admiral of the fleet of the zamorin

2. They defended against the Dutch

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2              (d). neither 1 and 2

**47. With reference to Minimum Support Price (MSP), consider the following statements:**

1. MSP is a price controlling mechanism against inflation.

2. It is fixed by Ministry of Agriculture every year.

**Which of the statements given above is/are correct?**

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2              (d) neither 1 nor 2

**48. Which of the below statement/ statements are correct?**

1. In the Jallianwalla Bagh British police fired on unarmed people

2. Gandhi condemned Jallianwalla Bagh massacre

3. Gandhi used a technique of nonviolence known as Satyagraha as his weapon to fight against injustice

- (a). both 1 and 2              (b). both 2 and 3  
(c). both 1 and 3              (d). all of the above

**49. Which among the following best describes '2nd generation biofuel'?**

- (a) Biofuel derived from algae  
(b) Biofuel derived from sustainable feedstock  
(c) Biofuel derived from food products  
(d) None of the above

**50. Which of the below statement/ statements are correct regarding freedom movement?**

1. Muslim league supported Khilafat movement.

2. Malabar rebellion of 1921 was related to Khilafat.

3. Khilafat movement was against British.

- (a). both 1 and 2              (b). both 2 and 3  
(c). both 1 and 3              (d). all of the above

**51. The Purchasing Power Parity exchange rate can be used to understand**

- (a) The level of equitable development.  
(b) The level of inflation in a country.  
(c) The cost of living in a country.  
(d) The amount of forex reserves held by a country.

**52. Which of the following statement/ statements are correct?**

1. Western Ghats lie along the western border of Kerala

2. Western Ghats has prevented large scale incursions into Kerala

3. Palghat gap was between Kerala and Tamil Nadu

- (a). both 1 and 2              (b). both 2 and 3  
(c). both 1 and 3              (d). all of the above

**53. Which of the following statements is/are correct about the Energy Pyramid?**

1. Pyramid of energy show the flow of energy through the food chain.

2. The energy transfer between trophic level is generally highly efficient.

**Which of the statements given above is/are correct?**

- (a) 1 only                      (b) 2 only  
(c) both 1 and 2              (d) neither 1 nor 2

**54. Consider the following statements related to National Mission for Sustainable Agriculture**

1. It aims to protect resources such as land, water etc.
2. It was launched to enhance food security

Choose the correct statement/statements

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2              (d).neither 1 nor 2

**55. The term Biological Oxygen Demand (BOD) is often seen in news in the context of**

- (a) Tackling air pollution
- (b) Measuring oxygen levels in human body
- (c) Assessing oxygen levels in high altitude regions
- (d) Pollution in aquatic ecosystems

**56. Choose the correct ascending order in the levels of organizations in ecology**

- (a). Individual - population - community - ecosystem.
- (b). Individual - population- ecosystem- community.
- (c). Ecosystem - population - community - individual.
- (d). Population- ecology- community- ecosystem.

**57. Which one of the following conservation methods is ex-situ?**

- (a) Biosphere reserve
- (b) Botanical garden
- (c) National parks
- (d) Sanctuary

**58. Regarding health of lakes, which among the following are an effects caused by Eutrophication?**

1. Algal bloom
2. Hypoxia in deeper lake
3. Release of toxins
4. Decreased biodiversity

Select the correct answer using the code given below

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

**59. Which of the following statement/statements are correct?**

1. Food web is the transfer of energy and nutrients among organisms
2. Food chain is a sequence of organism that feed on one another

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2              (d). neither 1 nor 2

**60. Which of the following statement/statements are correct regarding Catalyst?**

1. It is a substance which increase the rate of reaction
2. It is consumed during the reaction

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2              (d). neither 1 nor 2

**61. Which of the following is/are the possible applications of artificial satellites?**

1. Radio
2. Disaster prediction
3. Earth imaging

Select the correct answer using the code given below.

- (a) 1 and 3 only              (b) 2 only  
(c) 3 only                      (d) 1, 2 and 3 only

**62. Why moon doesn't fall on earth due to earth's gravity**

1. Due to velocity at which moon is moving
2. Distance from the earth

- (a). 1 only                      (b). 2 only  
(c). both 1 and 2            (d). neither 1 nor 2

**63. Consider the following statements about NaVIC (Navigation with Indian Constellations):**

1. NAVIC is India's own navigation and positioning system
2. It consists of seven satellites. Three in geostationary orbit and four in geosynchronous orbit.

**Which of the statements given above is/are correct?**

- (a) 1 only                              (b) 2 only  
(c) both 1 and 2                      (d) neither 1 nor 2

**64. Which is the world's largest telescope?**

- (A). James web telescope  
(B). Hubble Space Telescope  
(C). Compton Gamma Ray Observatory  
(D). Spitzer Space Telescope.

**65. Which of the following statements is/are correct about Mars?**

1. It has no natural satellite.
2. It has the presence of volcanoes.

Which of the statements given above is/are correct?

- (a) 1 only                              (b) 2 only  
(c) both 1 and 2.                      (d) neither 1 nor 2

**66. Which of the following statement / statements are correct regarding Chandrayan 2?**

1. Launched from the SatishDhawan space centre.
2. SatishDhawan space centre is in Kerala
3. Chandrayan 2 landed successfully in moon.

- (a). 1 only                      (b). 1 and 3 only  
(c). 3 only                      (d). 1,2 and 3

**67. Which one of the following statements is not correct?**

- (a) Measles is a highly contagious bacterial disease.  
(b) Measles spreads through coughing and sneezing of an infected person.  
(c) AIDS is a viral disease.  
(d) Malaria is spread though mosquito bites.

**68. Aditya L1 is launched to study about**

- (a). Sun                              (b). Moon  
(c). Venus                              (d). Mars

**69. With respect to Indian Missile system, which of the following missiles is/are an example of Ballistic Missiles?**

1. Agni                              2. Dhanush
3. Brahmos

**Select the correct answers using the code given below.**

- (a) 1 and 2 only                      (b) 3 only  
(c) 2 only                              (d) 1 and 3 only

**70. Outermost layer of sun is known as**

- (a). Corona                              (b). Crust  
(c). Photosphere                      (d). Mantle

**71. What is the mandate of MGNREGA scheme in terms of days of guaranteed wage employment for those who volunteer to work in a financial year?**

- a) 200 days to every adult in the village
- b) 100 days to every adult in the village
- c) 100 days to every household in the village whose adult members volunteer to work
- d) 200 days to every household in the village whose adult members volunteer to work

**72. India's human space flight program**

- (a). Gaganyaan            (b). Chandrayan 2
- (c). Amazonia            (d). Mangalyaan

**73. Atal Innovation Mission is a flagship initiative by \_**

- (a) Planning Commission
- (b) NITI Aayog
- (c) Ministry of science and Technology
- (d) ISRO

**74. Which of the following statement/statements are correct regarding revolt of 1857?**

- 1. All princely states and kings supported revolt of 1857.
- 2. Sepoy's proclaimed Bahadur Shah Zafar as the head of the revolt.
- 3. There were complete Hindu-Muslim unity in 1857 revolt.

**Which of the above statement/ statements are correct?**

- (a). 1 only                    (b). 2 only
- (c). both 2 and 3        (d). all of the above

**75. KUSUM scheme is related to:**

- (a) Solar energy generation
- (b) Defence sector
- (c) Immunization
- (d) Birth Control

**76. Examine the following statements:**

- 1. All colours are bright
- 2. Some colours are bright.
- 3. No colour is bright.
- 4. Some colours are not bright

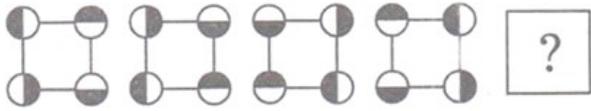
Given that statement 4 is true, what can be definitely concluded?

- (a) 1 and 2 are true                    (b) 3 is true
- (c) 2 is false                            (d) 1 is false

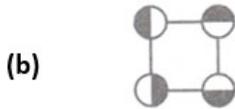
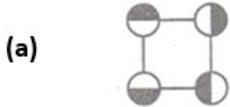
**77. A lift has the capacity of 18 adults or 30 children. How many children can board the lift with 12 adults?**

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

78 Consider the following figures:



Change in position of beads in the four figures above follows a specific sequence. Following the same sequence, which one of the figures below should appear as the fifth figure above?



79. The average age of a teacher and three students is 20 years. If all the three students are of same age and the difference between the age of the teacher and each student is 20 years, then what is the age of the teacher?

- (a) 25 years
- (b) 30 years
- (c) 35 years
- (d) 45 year

80. A bag contains 20 balls. 8 balls are green, 7 are white and 5 are red. What is the minimum number of balls that must be picked up from the bag blindfolded (without replacing any of it) to be assured of picking at least one ball of each colour?

- (a) 17
- (b) 16
- (c) 13
- (d) 11

81. In a family of 12, the men eat on average 76 rupees of food and women eat on an average 54 rupees of food. The men and women are equal in number. A hungry woman named Amrutha joined the family for dinner and the average consumption became 70. How much did Amrutha eat (in Rupees)?

- (a) 60
- (b) 82
- (c) 115
- (d) 130

82. Direction: Read the following and answer the question below:

If  $A + B$  means A is the father of B;

$A - B$  means A is the brother B;

$A \% B$  means A is the wife of B and

$A \times B$  means A is the mother of B;

Which of the following shows that M is the maternal grandmother of T?

- (a)  $M \times N \% S + T$
- (b)  $M \times N - S \% T$
- (c)  $M + S - N \% T$
- (d)  $M - N + S \% T$

83. If P stands for +  
 Q stands for x  
 R stands for ÷  
 S stands for –

Then  $9290 R 10 P 333 Q 2 P 4 S 70$  is equal to?

- (a) 1563                      (b) 1529  
 (c) 2234                      (d) 1901

**Direction (Q84 to Q85):** Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

**84. Statement I:** Each entry pass holder can take up to three persons with him/her.

**Statement II:** In all, 243 passes were sold yesterday.

Question: How many visitors saw the exhibition yesterday?

- (a) I alone is sufficient while II alone is not sufficient  
 (b) II alone is sufficient while I alone is not sufficient  
 (c) Both I and II together are sufficient  
 (d) Neither I nor II is sufficient

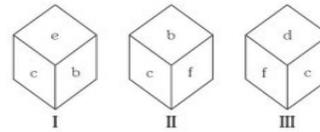
**85. Statement I,** The first Sunday of that particular month fell on 5<sup>th</sup>

**Statement II,** The last day of that particular month was Friday

Question: The last Sunday of March 2017 fell on which date?

- (a) I alone is sufficient while II alone is not sufficient  
 (b) II alone is sufficient while I alone is not sufficient  
 (c) Either I or II is sufficient  
 (d) Neither I nor II is sufficient

86. Three different positions of the same dice are shown below. The letter on the face opposite the face showing 'c' is:



- (a) d                              (b) e  
 (c) b                              (d) a

87. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together?

- (a) 4                              (b) 10  
 (c) 15                              (d) 16

88. In a conference, out of a total 100 participants, 70 are Indians. If 60 of the total participants are vegetarian, then which of the following statements is/are correct?

- At least 30 Indian participants are vegetarian.
- At least 10 Indian participants are non-vegetarian.

Select the correct answer using the codes given below:

- (a) 1 only                      (b) 2 only  
 (c) both 1 and 2              (d) neither 1 nor 2

**Directions (Q89 to Q91.)** Read the information carefully and the questions those follow:

In a class there are 7 students (including boys and girls), A, B, C, D, E, F and G.

They sit on three benches I, II and III such that there are at least two students on each bench and at least one girl on each bench.

C, who is a girl student, does not sit with A, E and D.

F, the boy student sits only with B.  
 A sits on the bench I with his best friends.  
 G sits on the bench III.  
 E is the brother of C.

**89. How many girls are there out of these seven students?**

- (a) 3 (b) 3 or 4  
 (c) 4 (d) data inadequate

**90. Which of the following is the group of girls?**

- (a) BAC (b) BFC  
 (c) BCD (d) CDF

**91. On which bench are there three students?**

- (a) Bench I (b) Bench II  
 (c) Bench III (d) Bench I or II

**Directions (Q92 to Q94.) Read the information carefully and the questions those follow:**

There are five persons P,Q,R,S and T. One is a football player, one is a chess player and one is a hockey player. P and S are unmarried ladies and do not participate in any game. None of the ladies play chess or football. There is a married couple in which T is the husband.

Q is the brother of R and is neither a chess player nor a hockey player.

**92. Who is the football player?**

- (a) P (b) Q  
 (c) R (d) S

**93. Who is the hockey player?**

- (a) P (b) Q  
 (c) R (d) T

**94. The three ladies are:**

- (a) P, Q, R (b) Q, R, S  
 (c) P, Q, S (d) P, R, S

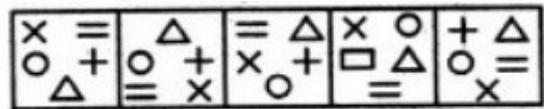
**95. In a school, 60% students play cricket. A student who does not play cricket, plays football. Every football player has got a two-wheeler. Which of the following conclusions cannot be drawn from the above data?**

- 60% of the students do not have two-wheelers.
- No cricketer has a two-wheeler.
- Cricket players do not play football.

Select the correct answer using the code given below:

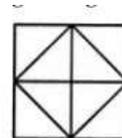
- (a) 1 and 2 only (b) 2 and 3 only  
 (c) 1 and 3 only (d) 1, 2 and 3

**96. Choose the figure which is different from the rest:**



- (1) (2) (3) (4) (5)  
 (a) 1 (b) 2  
 (c) 3 (d) none of the above

**97. Find the number of triangles in the given figure:**



- (a) 8 (b) 10  
 (c) 12 (d) 14



