

सामान्य हिन्दी

1. दिए गए विकल्पों में से कौन-सा विकल्प 'उम्मीद' का विलोम शब्द है?
(1) मायूसी (2) आशा
(3) अवनीति (4) असंतोष
2. दिए गए विकल्पों में से कौन-सा विकल्प 'संक्षिप्त' का विलोम शब्द है?
(1) स्थिर (2) विस्तृत
(3) सीमा (4) विकास
3. दिए गए विकल्पों में से सही का चयन कर रिक्त स्थान पूर्ण कीजिए।
जब कंधे पर _____ का भार पड़ेगा, तब _____ का भाव मालूम हो जाएगा।
(1) बीबी, घर
(2) मजबूरी, गली-कुँचो
(3) गृहस्थी, आटे-दाल
(4) दोस्ती, रुपयों
4. इनमें से कौन-सा शब्द अंग्रेजी में अपनाया गया है जिसका अर्थ भिन्न होता है?
(1) ईश्वर (2) जगन्नाथ
(3) भगवान (4) प्रभु
5. "प्रेम अनदेखी राहों की तरह ही आकर्षक होता है।" वाक्य का काल पहचानिए।
(1) अपूर्ण वर्तमान काल
(2) सामान्य भूतकाल
(3) पूर्ण वर्तमान काल
(4) सामान्य वर्तमान काल
6. "काजल की रेख-सी कतार है खजूर की" इस पंक्ति में अर्धालंकार का कौन सा भेद झलकता है?
(1) उत्प्रेक्षा (2) उपमा
(3) रूपक (4) माननीय
7. दिए गए विकल्पों में से कौन-सा विकल्प 'स्मरण' का विलोमार्थी शब्द है?
(1) अस्मरण (2) अनस्मरण
(3) विस्मरण (4) अनुस्मरण

8. "सालों बाद उसका प्रवासो पति लौटा है।"
इस वाक्य में कौन-सा शब्द विशेषण है?
(1) प्रवासो (2) लौटा
(3) सालों (4) पति

9. 'सुधि' शब्द के अंत में क्या जोड़ने पर शब्द बहुवचन बन जाएगा।
(1) जन (2) गण
(3) वृंद (4) वर्ग

10. संगम, संवाद, संतोष, संस्कार, संयुक्त आदि शब्दों में _____ उपसर्ग है।
(1) सन (2) सण
(3) सम (4) सत्र

निर्देश (11-13) : गद्यांश को ध्यानपूर्वक पढ़ें और उचित उत्तर का चयन करें।

अज संहर में सभी किसी न किसी विडम्बना से त्रस्त हैं और जब लोग त्रस्त हों, पराजित हों या शोकग्रस्त हों तभी उन्हें हमारी सहानुभूति, सहायता, प्रोत्साहन की जरूरत होती है। परेशानी से जूझते-जूझते उनका आत्मविश्वास लड़खड़ा जाता है। उस समय उनकी खिल्ली उड़ाने का या उनकी परेशानी का मजा लूटने का मोह हमें रोकना चाहिए और उन्हें सहाय देना चाहिए, उनकी हिम्मत बढ़ानी चाहिए। जो ऐसा करते हैं वे उनके हृदय में हमेशा के लिए स्थान प्राप्त कर लेते हैं, अपनी लोकप्रियता की परिधि विस्तृत करते हैं।

दूसरों के सुख-दुख में सच्चे अंतःकरण से दिलचस्पी लेना अच्छे संस्कार का लक्षण तो है, साथ ही व्यवहार कुशलता भी है जो लोगों को हमारी ओर आकर्षित करती है। हाँ, इसमें दिखावा, बनावटीपन और ऊपरी शिष्टाचार नहीं होना चाहिए। जो भावना सच्ची होती है, हृदय से निकलती है, वही हृदय को बांध भी सकती है।

11. किसकी लोकप्रियता बढ़ती है?

- (1) जो त्रस्त, पराजित है।
- (2) जो हृदय में स्थान बना लेते हैं।
- (3) जो आत्म-विश्वास से आगे बढ़ते हैं।
- (4) जो त्रस्त लोगों को सहाय देते हैं, हिम्मत बढ़ाते हैं।

12. अच्छे संस्कार का क्या लक्षण है?

- (1) ऊँची उड़ान भरना।
- (2) दूसरों को अपनी ओर आकर्षित करना।
- (3) दूसरों के बुरे समय में तहे दिल से मदद करना।
- (4) दिलचस्पी से अपना काम करना।

13. गद्यांश का उपयुक्त शीर्षक हो सकता है _____।

- (1) आत्म-विश्वास
- (2) शिष्टाचार
- (3) लोकप्रियता
- (4) व्यवहार कुशलता

14. दिए गए विकल्पों में से सही का चयन कर रिक्त स्थानों को पूर्ण कीजिए।
परभूत, _____ का पर्याय है।

- (1) रंग (2) कोयला
- (3) साँप (4) बगुला

15. "काली घटा का धर्मड घटा।" पंक्ति में प्रयुक्त अलंकार पहचानिए।

- (1) यमक (2) माननीय
- (3) अनुप्रास (4) रूपक

16. दिए गए विकल्पों में से शुद्ध वाक्य छांटिए।

- (1) चाकू से बच्चों को काटकर फल दो।
- (2) मेरे जूतों तुमसे अच्छे हैं।
- (3) वह शायद से आज आएगा।
- (4) गाँधी जी ईश्वर के पक्के भक्त थे।

17. निम्न में से उचित शब्द का चयन करें।

- (1) औद्योगिक (2) उद्योगिक
- (3) औद्योगीक (4) ओद्योगिक

18. 'लोकायतन' कृति के लिए 'सोवियत लैंड नेहरू पुरस्कार' किसे दिया गया था?

- (1) केदारनाथ
- (2) रामविलास शर्मा
- (3) सुमित्रानंदन पन्त
- (4) गोविन्द मिश्र

19. किस शब्द में 'गण' का प्रयोग कर बहुवचन नहीं बनाया जा सकता?

- (1) भक्त (2) नेता
(3) शिक्षक (4) देवी

20. 'प्रेम में भगवान' रचना के लिए जैनेन्द्र को किस पुरस्कार से सम्मानित किया गया है?

- (1) सरस्वती सम्मान
(2) भारत सरकार शिक्षा मंत्रालय पुरस्कार
(3) देव पुरस्कार
(4) व्यास सम्मान

21. दिए गए विकल्पों में से सही वाक्य का चयन करें।

- (1) तलवार एक उपयोगी शस्त्र है।
(2) तलवार एक उपयोगी शास्त्र है।
(3) तलवार एक उपयोगी फौलाद है।
(4) तलवार एक उपयोगी अस्त्र है।

22. इनमें से कौन-सा तत्सम शब्द नहीं है।

- (1) दधि (2) उष्ट्र
(3) सिंगार (4) चक्षु

23. निम्न विकल्पों में पुल्लिंग शब्द कौन-सा है?

- (1) राशि (2) पक्षी
(3) चील (4) कुर्सी

24. 'अमृत और विष' किसकी रचना है?

- (1) अमृतलाल नागर
(2) अब्दुल विस्मिल्लाह खां
(3) केदारनाथ अग्रवाल
(4) सुमित्रानंदन पन्त

25. "तीन बेर खाती थी, वे तीन बेर खाती है।" इस वाक्य में प्रयुक्त अलंकार पहचानिए।

- (1) उत्प्रेक्षा (2) यमक
(3) रूपक (4) श्लेष

26. किसी की /का _____ पाकर उसके प्रति _____ का भाव प्रकट करना आवश्यक है। दिए गए विकल्पों में से सही का चयन कर रिक्त स्थान पूर्ण कीजिए।

- (1) अनुदान, कृतघ्न
(2) सहायता, कृतज्ञता
(3) उपकार, गुलामी
(4) ममद, कर्ज

27. निम्न विकल्पों में पुल्लिंग शब्द कौन-सा है?

- (1) सेना (2) धरती
(3) मणि (4) कुटुंब

28. दिए गए विकल्पों में से कौन सा विकल्प "प्रत्यक्ष" शब्द का समानार्थी शब्द है?

- (1) भावस्मरणीय (2) साक्षात्
(3) नक्षत्र (4) अविस्मरणीय

29. इन वाक्यों को सही क्रम में लगाएँ।

- A. रावण तो सिर्फ रावण है।
B. 'रावण'....दुनिया में इस नाम का दूसरा कोई व्यक्ति नहीं है।
C. राजाधिराज लंकाधिपति महाराज रावण को दशानन भी कहते हैं।
D. राम तो बहुत मिल जाएँगे, लेकिन रावण नहीं।

- (1) ABCD (2) BCAD
(3) BDAC (4) BADC

30. "खराद पर चढ़ना" का अर्थ कौन-सा विकल्प है?

- (1) शत्रु के आमने-सामने आना
(2) कठिनाई में पड़ना
(3) सच्चाई का सामना करना
(4) जाँच में आना

31. दिए गए विकल्पों में से कौन-सा विकल्प 'निशीथ' का अर्थ है?

- (1) निशा में स्थिर रहना
(2) चन्द्रमा
(3) भानु
(4) आधी रात

32. 'सब्ज बाग दिखाना' इस मुहावरे का अर्थ क्या है?

- (1) हिम्मत बंधाना
(2) धोखा देना
(3) हरे भरे उद्यानों की सैर करना।
(4) झूठे वायदे करना

33. 'परीक्षा में कठिन प्रश्नों को देखकर मेरी अक्ल चकराने लगी।' वाक्य में आए मुहावरे का अर्थ कौन-सा विकल्प दर्शाता है?

- (1) गुस्से से भर जाना
(2) शर्मिदा होना
(3) कुछ समझ में न आना
(4) अनदेखा करना

34. सूरदास और नंददास की काव्य रचनाओं की भाषा कौन-सी थी?

- (1) प्राकृत (2) संस्कृत
(3) ब्रजभाषा (4) खड़ी बोली

35. "आये थे हरि भजन को, ओटन लगे कपास" कहावत का अर्थ कौन-से विकल्प में बताया है?

- (1) किसी कार्य विशेष की उपेक्षा कर किसी अन्य कार्य में लग जाना।
(2) उद्देश्य की प्राप्ति में असफल होना।
(3) हरिभक्ति का मार्ग कठिन होता है।
(4) ईश्वर भक्ति को छोड़ व्यापार में लग जाना।

36. _____ स्त्रीलिंग शब्द होते हैं।

- (1) वृक्षों के नाम
(2) नक्षत्रों के नाम
(3) देशों के नाम
(4) प्रवृत्तों के नाम

37. दिए गए विकल्पों में से कौन-सा विकल्प 'अंगना' शब्द का समानार्थी शब्द है?

- (1) स्त्री (2) आंगन
(3) पल्लू (4) गाँव

38. "चरण कमल बन्दों हरि राई।" पंक्ति में 'चरण कमल' का अर्थ क्या है?

- (1) कमल के फूल पर पैर
(2) कमल के फूल जैसे पैर
(3) पैर और कमल का फूल
(4) पैरों पर कमल के फूल

39. 'खिचड़ी' किस प्रकार का शब्द है?

- (1) देशज (2) विदेशज
(3) तत्सम (4) तदभव

40. निम्न में से किस विकल्प में त्रुटि नहीं है?

- (1) मैंने उस कागज में हस्ताक्षर कर दिए।
(2) उस कागज पर मैंने हस्ताक्षर कर दिया।
(3) उस कागज पर मैंने हस्ताक्षर कर दिए।
(4) मैंने हस्ताक्षर कर दिया उस कागज पर।

**BASIC LAW-CONSTITUTION
GENERAL KNOWLEDGE**

41. The Rajya Sabha passed the Mental Healthcare Bill 2016 on 8 August, 2016, separating which act from the category of crime?

- (1) Use of steroid, muscle relaxant and anesthesia
- (2) Crime committed by a person suffering from deranged mentality
- (3) Electrophotic therapy
- (4) Crime of attempting to suicide

42. Arrange the following fundamental rights to their articles in ascending order as they appear in the constitution.

- a. Right to Freedom
- b. Right against exploitation
- c. Right to equality
- d. Cultural and educational rights

Select the correct answer using the codes given below :

- (1) acdb (2) cabd
- (3) cadb (4) acbd

43. Which of the following statements is correct regarding the filing of Public Interest Litigation?

- a. A Public Interest Litigation can be filed only against a State/ Central Govt., Municipal Authorities.
- b. Private party can be included in the PIL as respondent, after making concerned state authority, a party.

Select the correct answer using the codes given below :

- (1) Both a and b
- (2) Neither a nor b
- (3) Only a
- (4) Only b

44. Which of the following was added to the list of crimes by amending the Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act in 2015?

a. The custom of dedicating a Scheduled Caste or a Scheduled Tribe woman as devadasi to a temple.

b. Preventing members of scheduled caste/scheduled tribes from using common property resources, entering any place of worship that is open to the public, and entering an education or health institution.

Select the correct answer using the codes given below :

- (1) Only b
- (2) Only a
- (3) Both a and b
- (4) Neither a nor b

45. The allocation of seats for states in the Rajya Sabha is mentioned in _____ Schedule of Indian constitution.

- (1) 5th (2) 8th
- (3) 6th (4) 4th

46. An amendment bill of Indian constitution

- (1) Can be introduced only in the Rajya Sabha
- (2) Can be introduced in Lok Sabha or Rajya Sabha
- (3) Can be introduced only in the Lok Sabha
- (4) Is first sent to the President for his approval

47. Which of the following is not an objective of nationalization of banks?

- (1) Expansion in deposit amount
- (2) Infinite expansion of branches
- (3) Entry into rural and priority areas
- (4) Concentration of banking business

48. Which type of equipment is modem?

- (1) Storage
- (2) Input
- (3) Input/output
- (4) Output

49. What was the percentage of foreign direct investment in agricultural machinery out of total investment in 2000-14?

- (1) 0.69% (2) 0.16%
- (3) 1.33% (4) 1%

50. Which of the following schedules is not correctly matched?

- (1) Ninth schedule : Validation of certain acts and regulations
- (2) Eleventh schedule : Provisions as to the Administration and Control of Scheduled Areas and Scheduled Tribes
- (3) Eighth schedule : List of Official languages
- (4) Twelfth Schedule : Powers, authority and responsibilities of Municipalities

51. Which of the following statements is correct regarding the administrative relations between centre and states?

- a. The centre can give directions to state governments for ensuring the development of Hindi language
- b. Parliament has been given powers to provide adjudication of any dispute with respect to use distribution or control of water or in any inter-state river or river valley.

Select the correct answer using the codes given below :

- (1) Neither a nor b
- (2) Only b
- (3) Only a
- (4) Both a and b

52. Which article under Directive Principles of State Policy talks about ensuring the participation of workers in management of industries?

- (1) Article 38B
- (2) Article 43A
- (3) Article 39A
- (4) Article 36

53. A _____ is a type of password that is valid for only one use and is generally randomly generated by specialized software.

- (1) Captcha
(2) Secure access
(3) One Time Password (OTP)
(4) Codehack
54. Which of the following is treated as short term crop for bank loan purposes?
(1) Crop that is grown for more than a year
(2) Crop that is grown for a period of one year and six months
(3) Crop that is grown for less than a year
(4) Crop that is grown for a period of one year and three months
55. Which country made first contribution to the United Nations Fund for Victims of Sexual Exploitation?
(1) America (2) China
(3) Australia (4) India
56. _____ was launched by the Government of India in August 2008 to modernize management of land records, minimize scope of land/property disputes, and enhance transparency in the land records maintenance system.
(1) Haryana Space Applications Centre (HARSAC)
(2) District Inspector Land Records (DILR)
(3) Chartered Institute of Procurement & Supply (CIPS)
(4) National Land Records Modernization Programme (NLRMP)
57. Which of the following is an environment award instituted by the Ministry of Environment and Forests, Government of India that is awarded to individuals and organizations that have made significant and measurable contributions in the field of environment protection and improvement?

- (1) Indira Gandhi Paryavaran Puraskar
(2) Indira Priyadarshini Vriksha Mitra Awards
(3) Forest Science Award
(4) Heroes of the Environment
58. According to data available till August 2015, which state has been ranked first in terms of Net State Domestic Product?
(1) New Delhi
(2) Goa
(3) Chandigarh
(4) Sikkim
59. _____ is the Chairman of committee on the recommendation of which the central government appoints Director of Enforcement.
(1) Chief Justice of India
(2) Cabinet Secretary
(3) Lokpal
(4) Central Vigilance Commissioner
60. Rosacea is a common disease that affects which part of human body?
(1) Vein (2) Bone
(3) Skin (4) Tissue
61. An election petition regarding the election of President or Vice-President can be filed before
(1) Supreme Court
(2) High Court
(3) Election Commission
(4) President
62. Which of the following information cannot be shared under Right to Information (RTI) Act?
a. Information regarding intellectual property.
b. Information obtained from foreign governments.
Select the correct answer using the codes given below :
(1) Only a
(2) Only b
(3) Neither a nor b
(4) Both a and b

63. Which tomb is known as "Ahmedabad's Acropolis"?
(1) Lodi garden
(2) Sarkhej Roza
(3) Tomb of Itmad-ud-Daulah
(4) Humayun's tomb
64. What does the following traffic sign indicate?



- (1) One-way traffic ahead
(2) Fast speed traffic ahead
(3) Two Way Traffic Ahead
(4) Two-lane road ahead
65. The Indian National Army (INA) trials, popular as _____, were the British Indian trial by courts-martial of a number of officers of the Indian National Army (INA) between November 1945 and May 1946.
(1) Rangoon trials
(2) Azad Hind trials
(3) Red Fort trials
(4) Patriots trials
66. The Madras Hindu Social Reform Association was founded to help
(1) Tribal people
(2) Poor children
(3) Handicap people
(4) Devadasis
67. Who was the Director of Intelligence Bureau on 30 November, 2017?
(1) Ashok Patnaik
(2) Rajinder Khanna
(3) R.N. Ravi
(4) Rajiv Jain
68. Every page of the original hand-written Indian constitution was decorated and embellished by artists of
(1) Painting council
(2) Santiniketan
(3) Entire India
(4) JJ School of Arts

69. Which of the following is responsible for the administration of the Government of India (Transaction of Business) Rules and the Government of India (Allocation of Business) Rules?

- (1) Prime Minister
- (2) Cabinet Secretariat
- (3) Supreme Court
- (4) High Court

70. Which tennis double is known as India-Pak Express?

- (1) Mahesh Bhupathi-Akeel Khan
- (2) Leander Paes-Akeel Khan
- (3) Sania Mirza-Shoaib Malik
- (4) Rohan Bopanna-Aisam-ul-Haq

71. _____ is a formal proposal made to the House by a member that the House do something, order something to be done or express an opinion with regard to some matter.

- (1) Motion
- (2) Vote
- (3) Opinion
- (4) Letter of Intent

72. Which components of the Constitution of India include the principles of human rights as envisaged in the Universal Declaration of Human Rights?

- a. Fundamental Rights
- b. Directive Principles of State Policy
- c. Fundamental Duties

Select the correct answer using the codes given below :

- (1) All of the above
- (2) Both a and c
- (3) Both a and b
- (4) Both b and c

73. Plant cultivation, which is the earliest form of farming, was first begun in

- (1) South eastern Europe
- (2) South east Asia
- (3) Central Asia
- (4) North eastern regions of South America

74. Which of the following is not deducted from total income in income tax calculation?

- (1) Interest on educational loan
- (2) Interest on personal loan
- (3) Payment of health insurance premium
- (4) Interest payment on home loan

75. High purity Germanium is obtained by

- (1) Liquefaction
- (2) Vapor phase refining
- (3) Electrolyte refining
- (4) Zone refining

76. "Heat Island" is related to which of the following options?

- (1) Area surrounded by thermal power plants
- (2) Island formed by volcanic eruption
- (3) Island of hot region
- (4) Warm metropolis

77. The top-most executive official and senior-most civil servant of the Government of India is

- (1) Attorney General
- (2) Director of Intelligence Bureau
- (3) Comptroller and Auditor General
- (4) Cabinet Secretary

78. Coringa mangrove is situated in

- (1) West Bengal
- (2) Odisha
- (3) Andhra Pradesh
- (4) Karnataka

79. Which of the following subjects is part of State List?

- (1) Population control and family planning
- (2) Economic and social planning
- (3) Forest
- (4) Tax on agricultural income

80. Which of the following was not done by the Constituent assembly?

- (1) It chose Jawaharlal Nehru as the country's first Prime Minister
- (2) It approved the membership of India in the Commonwealth
- (3) It adopted the national flag
- (4) It adopted the national song and the national anthem

NUMERICAL AND MENTAL ABILITY TEST

81. There are three groups — A, B and C - of students in which there are 40, 50 and 70 students respectively. In an examination, the average marks obtained by students of group A are 70, and that of group B are 60. If all the students of all three groups are taken together, their average marks are 80. What will be the average marks obtained by the students of group C ?

- (1) 70
- (2) 90
- (3) 80
- (4) 100

82. A is 70% more efficient than B. The work can be completed by A alone in 9 days, In how many days will both together complete the same piece of work ?

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

83. If $\frac{a}{b} = \frac{c}{d} = \frac{e}{f} = \frac{2}{3}$, then find the value of

$$\left(\frac{2a^2 - 3c^2 + 4e^2}{2b^2 - 3d^2 + 4f^2} \right)$$

- (1) 3 : 8
- (2) 4 : 9
- (3) 2 : 5
- (4) 1 : 6

84. A and B can separately finish a work in 16 days and 18 days respectively. A started alone and after 4 days B joined A and remained together till the completion of work. In how many days was the work finished?

- (1) 6.35 days (2) 6.92 days
(3) 6.57 days (4) 6 days

85. 10 litres of solution of sugar with 76% water content is kept in the sun for 5 days. After 5 days, the water content in solution remains 20%. Find the quantity of remaining solution.

- (1) 5 litres (2) 6 litres
(3) 4 litres (4) 3 litres

86. Rajan rows a boat in still water at the rate of $7\frac{1}{2}$ kmph.

Time taken by him in rowing upstream to a destination is twice to that in rowing downstream to the same place. Find the speed of the stream.

- (1) 5 kmph.
(2) 1 kmph.
(3) 2.5 kmph.
(4) 3 kmph.

87. If $abc = 1$, then find the value of

$$\frac{1}{(1+b+c^{-1})} + \frac{1}{(1+a+b^{-1})} + \frac{1}{(1+c+a^{-1})}$$

- (1) $a + b + c$ (2) 1

- (3) $\frac{a}{b}$ (4) $\frac{1}{a+b+c}$

88. What is the fractional equivalent of 4.858585

- (1) $\frac{485}{99}$ (2) $\frac{235}{55}$

- (3) $\frac{481}{99}$ (4) $\frac{482}{990}$

89. 320 students applied for the entrance examination of ABC public school. Of them 230 students passed and 11.11%

of the remaining students failed. Find the number of students who did not appear at the examination.

- (1) 45 students
(2) 70 students
(3) 60 students
(4) 80 students

90. If the simple interest obtained on Rs. 3000 at the rate of 5% per annum for 1 year is Rs. 150 less than that obtained on Rs. 2000 at the rate of 5% per annum for 'N' years, find the value of N.

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

91. The diameters of two right circular cylinders A and B are in the respective ratio of 4 : 1. If the curved surface area of cylinder A is twice to that of cylinder B, find the ratio of their volumes.

- (1) 8 : 1 (2) 9 : 2
(3) 4 : 1 (4) 9 : 1

92. The value that is 1.86 more than 7% of itself is

- (1) 1.73 (2) 2.57
(3) 2.657 (4) 2

93. Thrice of 20% of N is exactly divisible by 12, 4, 8 and 6. What is the lowest value of 'N'?

- (1) 40 (2) 24
(3) 48 (4) 14.4

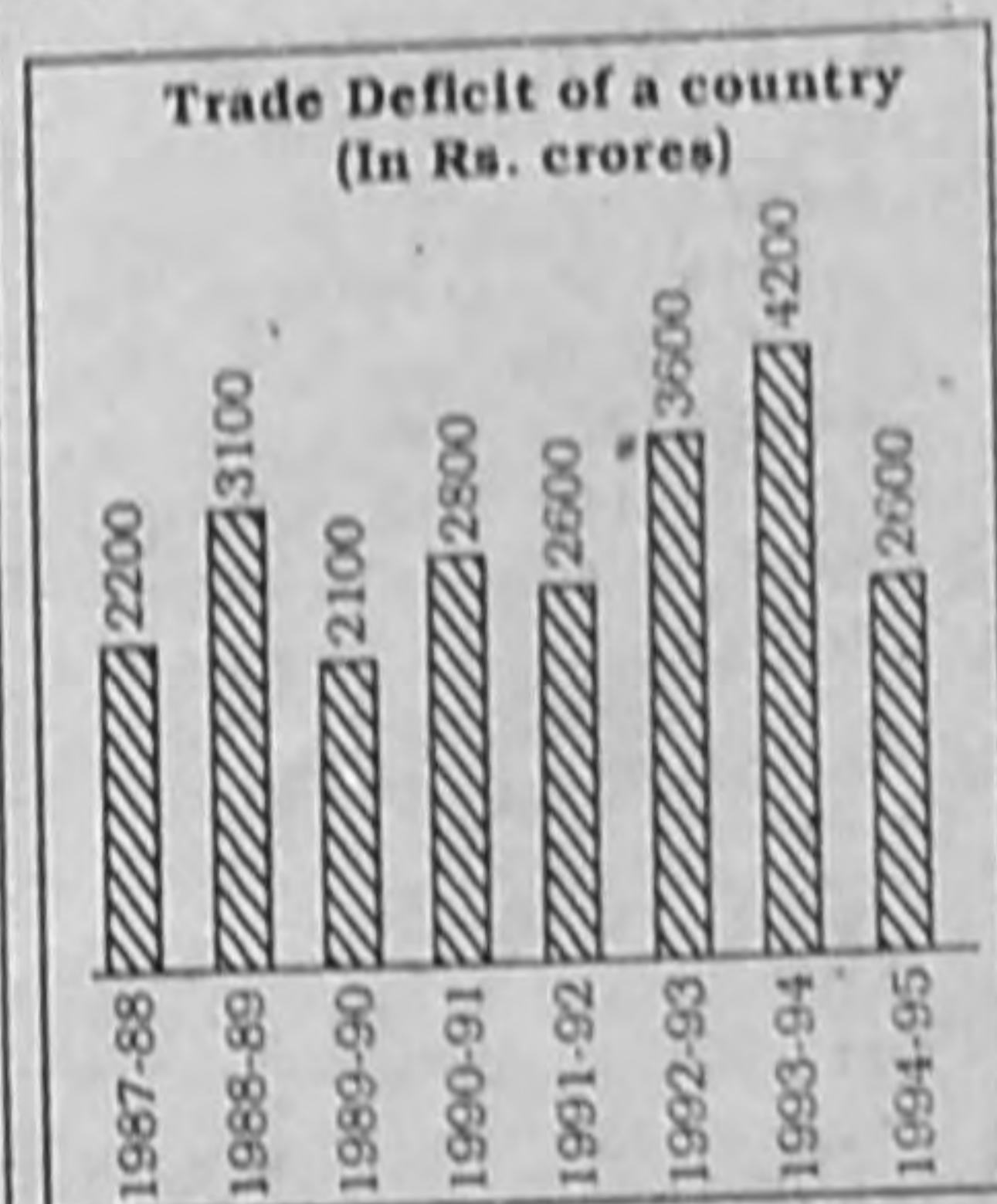
94. There are 22 questions of 100 marks in an online examination. The examination includes yes/no questions of 4 marks each and multiple choice questions of 5 marks each. How many are there multiple choice questions in the examination?

- (1) 30 (2) 12
(3) 50 (4) 10

95. Two railway tracks one upon the other are running perpendicular to each other. Two trains A and B are running on these tracks at the speeds of 72 kmph and 64 kmph respectively. If both trains cross each other in 10 seconds, what is the length of train A?

- (1) 200 metre
(2) 375 metre
(3) 222 metre
(4) 22.2 metre

Directions (96-98) : Read the following graph carefully and answer the given questions.



96. The deficit in 1993-94 is how many times to that in 1990-91?

- (1) 1.4 (2) 1.5
(3) 2.5 (4) 0.5

97. The percentage increase in deficit in 1993-94 in comparison to 1989-90 was

- (1) 200 (2) 150
(3) 100 (4) 2100

98. In which of the following years, the percentage increase in deficit in comparison to the preceding year was maximum?

- (1) 1992-93 (2) 1990-91
(3) 1993-94 (4) 1988-89

99. Ravi needed a sum of Rs. 2500. He borrowed some money from A and some from B. He paid interest to A at 5% per annum and to B at 7% per annum. If at the end of a year he paid Rs. 160 as total interest, how much amount did he borrow from A ?

- (1) 1000 (2) 1500
(3) 750 (4) 900

100. A seller finds that 10% of his goods are wasted and cannot be sold in the market. By what per cent should he increase the price of remaining goods so that he gets compensated for the loss of wasted goods ?

- (1) 11.11% (2) 14.28%
(3) 10% (4) 12.1%

101. 80 athletes participated in a sport competition. All the athletes, participated in atleast one game of javelin throw, hurdles race and long jump. 40 and 54 athletes participated in long jump and hurdle race respectively. 14 athletes participated in javelin throw and long jump, 24 athletes participated in long jump and hurdles race, 10 athletes participated in javelin throw and hurdles race, while 8 athletes participated in all three sports.

Find the number of athletes who participated in the following events.

(i) Only javelin throw

(ii) javelin throw and hurdles race, but not in long jump

- (1) 15, 3 (2) 10, 4
(3) 10, 2 (4) 15, 4

102. The average monthly expenditure of a family in first three months of a year was Rs. 720, for the next 4 months it was Rs. 695 and for the last 5 months it was Rs. 732. If total saving in the whole year was Rs. 1632, find the average monthly income of the family.

- (1) Rs. 854 (2) Rs. 856
(3) Rs. 853 (4) Rs. 860

103. Three pipes P, Q and R can fill an empty tank in 38, 44 and 28 minutes respectively. Initially the tank is empty. Pipe P was opened at 9 : 41 a.m. and after 8 minutes pipe Q was opened. How many minutes after opening pipe Q, pipe R should be opened so that the tank is full till 10 a.m. ?

- (1) 4 minutes
(2) 7 minutes
(3) 10 minutes
(4) 11 minutes

104. 10 litres of hydrochloric acid solution with 10% water was mixed with 20 litres of hydrochloric acid solution with 10% water. Find the percentage of hydrochloric acid in the resulting solution.

- (1) 85% (2) 90%
(3) 80% (4) 75%

105. $30\% \text{ of } 7.2 + 40\% \text{ of } 2.8 + (8\% \text{ of } 880 \div 11) = ?$

- (1) 3.42 (2) 8.5
(3) 9.68 (4) 12.5

106. Two trains A and B are running in the same direction at the respective speeds of 73 kmph and 23 kmph. Train A crosses a man sitting in the train B in 36 seconds. What is the length of train A ?

- (1) 1000 metre
(2) 500 metre
(3) 1800 metre
(4) 250 metre

107. Find the value of the following :

$$4^3 \div 2^3 \times 3^9 \div 27 \div 81$$

- (1) 72 (2) 32
(3) 48 (4) 60

108. Five persons P, Q, R, S and T are sitting around a round table. In how many different ways can they sit together so that Q and T never sit together ?

- (1) 12 (2) 36
(3) 48 (4) 24

109. Find the irrational number among the following numbers.

- (1) 0.45
(2) $\sqrt{8100}$
(3) $\frac{22}{7}$

(4) $\sqrt{8100} + \left(\frac{1}{\sqrt{8100}} \right)$

110. Amla and Vimla play a game in which they are said to choose a letter from A to E both inclusive. If both letters are same, they win a prize. What is the probability that they do not win the prize in only one attempt ?

- (1) $\frac{1}{25}$ (2) $\frac{25}{23}$
(3) $\frac{2}{25}$ (4) $\frac{24}{25}$

111. When 6666666..... to 64 digits is divided by 17, what will be the remainder ?

- (1) 16 (2) 0
(3) 1 (4) 9

112. Wilson starts for his office everyday at the same time. If he walks at 5 kmph, he reaches the office 2 minutes late. if he runs at 10 kmph, he reaches the office 4 minutes earlier. Find his speed to reach his office on time and the distance of his office.

- (1) 6 kmph, 0.8 km.
(2) 6.33 kmph, 0.8 km.
(3) 6 kmph, 1 km.
(4) 7.5 kmph, 1 km.

113. The means of two sets of 200 and 300 items are 25 and 10 respectively. Their standard deviations are 3 and 4 respectively. Find the variance of the set of 500 combined items.

- (1) 64 (2) 65.2
(3) 64.2 (4) 67.2

114. A shopkeeper allows a Deepawali discount of 10% on the cost price of his goods, but earns a profit of 25% by using a faulty weight. Find, by what per cent is faulty weight less than the true weight?

- (1) 28% (2) 46%
(3) 58% (4) 33%

115. Find the value of

$$\frac{(1024^{0.13} \times 1024^{0.07})}{(7^{0.25} \times 49^{0.075} \times 343^{0.2})}$$

- (1) $\frac{3}{52}$ (2) $\frac{3}{49}$
(3) $\frac{4}{7}$ (4) $\frac{3}{16}$

116. If it was Thursday on June 15, 2001, what was it on June 16, 2008?

- (1) Friday (2) Saturday
(3) Monday (4) Sunday

117. The radius of a circle is 9 cm. and the length of a chord in the circle is 14 cm. Find the distance between the chord and the centre.

- (1) 6.3 cm. (2) 5.66 cm.
(3) 4 cm. (4) 7 cm.

118. A television is bought for Rs. 20000 and sold at Rs. 18000. Find the loss per cent.

- (1) 30% (2) 5%
(3) 10% (4) 20%

119. Which day will fall on March, 10, 2065?

- (1) Monday (2) Saturday
(3) Friday (4) Tuesday

120. The H.C.F. of a and b is 7. Which of the following can never be their L.C.M.?

- (1) 1358 (2) 1586
(3) 1687 (4) 1484

MENTAL APTITUDE TEST - IQ TEST- REASONING

Directions (121-123) : Study the following information carefully and answer the questions given below :

The following are conditions to be selected in the Company XYZ.

The candidate must

- I. have passed Standard XII with at least 80 per cent marks
- II. be a BBA Graduate with at least 70 per cent marks
- III. be between 25 and 35 years
- IV. have an experience of at least five years in a renowned organisation.
- V. have completed MBA with at least 70 per cent marks

If a candidate fulfils all the above conditions EXCEPT

- A. II above then his/her case is to be referred to the General Manager
- B. IV above but he/she has an experience of three years, his/her case is to be referred to the Director.

121. Deepanraj was born on February 2, 1989. He has passed Standard XII with 87 per cent marks, BBA with 75 per cent marks and has passed MBA with 85 per cent marks. He has an experience of five years in ZX Private Limited.

- (1) Candidate is not be selected or data are inadequate
- (2) Case is to be referred to the Director
- (3) Case is to be referred to the General Manager
- (4) Candidate is to be selected

122. Dhanya was born on February 2, 1989. She has passed Standard XII with 92 per cent marks, BCA with 75 per cent marks and has completed MBA with 85 per cent marks.

She has an experience of five years in ZX Private Limited.

- (1) Case is to be referred to the General Manager
- (2) Case is to be referred to the Director
- (3) Candidate is not be selected or data are inadequate
- (4) Candidate is to be selected.

123. Monika was born on October 2, 1991. She has passed Standard XII with 75 per cent marks, BBA with 85 per cent marks and has completed MBA with 85 per cent marks. She has an experience of three years in the ZX Private Limited.

- (1) Candidate is to be selected
- (2) Case is to be referred to the General Manager
- (3) Candidate is not to be selected or data are inadequate
- (4) Case is to be referred to the Director

124. In this question are given two statements followed by two Conclusions I and II. Read the Conclusions and decide which of Conclusions logically follow(s) the statements.

Statements :

All singers are dancers.
Some dancers are musicians.

Conclusions :

- I. Some musicians are dancers.
 - II. Some dancers are singers.
- (1) Only Conclusion II follows
 - (2) Only Conclusion I follows
 - (3) Both the Conclusions I and II follow
 - (4) Neither Conclusion I nor Conclusion II follows

125. In a certain code language 'FOUR' is written as '1' and 'EIGHT' is written '2'. How is 'TWENTY' written in that code language?

(1) 6 (2) 3

(3) 5 (4) 8

126. In a certain code language 'SMART' is written as 'QKCPR'. How is 'SCOPE' written in that code language?

(1) QANMC (2) QAQNC

(3) QAPNC (4) QANMB

127. A library 'D' is at a distance of 6 km to the east of city 'C'. A college 'A' is at a distance of 6 km to the south of city 'C' which is at a distance of 6 km to the south of a library 'E'. Library 'E' is to the north-west of 'D'. In which direction is 'E' with respect to 'A'?

(1) North

(2) South-East

(3) South-West

(4) West

128. In this question are given two statements I and II. You have to decide whether data given in the statements are sufficient to answer the question.

Question : Six persons P, Q, R, S, T and U are sitting around a circle facing the centre. What is the angle of P with respect to Q?

I. P is sitting 45° anticlockwise of R and 135° clockwise of S. S is sitting adjacent to U. T and Q are sitting opposite to each other.

II. T is sitting 90° clockwise of S. P and U are sitting opposite to each other.

(1) The data even in both the statements I and II together are not sufficient to answer the question.

(2) The data given in both the statements I and II together are sufficient to answer the question.

(3) The data in only statement II are sufficient to answer the question.

(4) The data in only statement I are sufficient to answer the question.

129. In this question a statement is given followed by two assumptions I and II. You have to consider the statements to be true and read the two assumptions and decide which of the following assumptions is/are implicit in the statement beyond reasonable doubt.

Statement :

Even if a novel is costly, it is bought.

Assumptions :

I. Some novels are better than others.

II. Most of the books are costly.

(1) Both the Assumptions I and II are implicit in the statement

(2) Only Assumption I is implicit in the statement

(3) Only Assumption II is implicit in the statement

(4) Neither Assumption I nor Assumption II is implicit in the statement.

130. In this question a statement is given followed by two assumptions I and II. You have to consider the statements to be true and read the two assumptions and decide which of the following assumptions is/are implicit in the statement beyond reasonable doubt.

Statement :

It is worthy that "whatever you do should be important."

Assumptions :

I. We should do what is important.

II. We should not do which is unnecessary.

(1) Neither Assumption I nor Assumption II is implicit in the statement.

(2) Both the Assumptions I and II are implicit in the statement

(3) Only Assumption I is implicit in the statement

(4) Only Assumption II is implicit in the statement

Directions (131-133) : Study the following information carefully and answer the questions given below :

When a word and number arrangement machine is given an input line of words and numbers, it rearranges them following a particular rule. The following is an illustration of input and rearrangement :

(All the numbers are two-digit numbers.)

Input : 90 end 98 at me 86 95 got

Step-I : 86 90 end 98 at me 95 got

Step-II : 86 at 90 end 98 me 95 got

Step-III : 86 at 90 end 95 98 me got

Step-IV : 86 at 90 end 95 got 98 me

And, Step IV is the last step of rearrangement of the above input.

Input : 86 90 after 78 then at 50 there

131. What will be the Step-III of the given input as per the rules followed in the above steps?

(1) 50 at 78 after 90 86 then there

(2) 50 at 78 after 86 90 then there

(3) 50 after 78 86 90 then at there

(4) 50 at 86 78 after 90 then there

132. As per the rules followed in the above steps which of the following will be sixth element from the left end in the Step-II?

- (1) then (2) 78
(3) 50 (4) after

133. As per the rules followed in the above steps, which of the following will be third to the left of second element from the right end in the Step-IV?

- (1) 78 (2) then
(3) 86 (4) at

134. In this question are given three statements followed by three Conclusion I, II and III. Read the Conclusions and decide which of the Conclusions follows the statements logically.

Statements :

All doctors are DGOs.

Some DGOs are psychologists.

No psychologist is woman.

Conclusions :

- I. Some doctors are psychologists.
II. Some DGOs are women.
III. Some women are not DGOs.
(1) All follow
(2) Only I follows
(3) None of these
(4) Only II follows

135. What should come in the place of question-mark (?) in the following series?

32, 130, 348, 734, ?

- (1) 1126 (2) 1336
(3) 1226 (4) 1236

136. Select the relevant letters from the given alternatives which will replace the question-mark (?) following the similar relationship as that given in the first pair :

CDE : HKO :: GHI : ?

- (1) STR (2) FGH
(3) PSW (4) HJL

137. Select the odd letter group from the given alternatives :

ACE, IKM, QSU, FHJ

- (1) QSU (2) ACE
(3) IKM (4) FHJ

138. In a certain code language, 'SMART' is written as 'XT-KRK'. How will 'THINK' be written in that code language?

- (1) SNBYO (2) YOSNS
(3) YOSNB (4) SHYBN

139. Five boxes P, Q, R, S and T are coloured with five different colours viz., Red, Green, Blue, Pink and Yellow but not necessarily in the same order. R is either of pink or green colour. Q is neither green nor red. S is of blue colour. T is neither pink nor yellow. P is neither green nor red.

What is the colour of Box 'R'?

- (1) Yellow (2) Green
(3) Red (4) Pink

140. Jagan starts from his house and moves 9 km towards south-east and then he turns to his left through 90° and reaches a temple after moving 12 km. What is the least distance between the temple and his house?

- (1) 11 km. (2) 5 km.
(3) 15 km. (4) 12 km.

141. Q is the only daughter of S. S is father-in-law of P. K is maternal uncle of B. B is grandson of S. T is a female whose son-in-law is P. R is son of W. W is only daughter-in-law of S. How is B related to the husband of W?

- (1) Cousin (2) Son
(3) Grandson (4) Nephew

142. Pointing towards a photograph a boy said, "He is the only son of only son-in-law of my maternal grandfather". How the boy is related to the person in the photograph?

(1) Brother-in-law

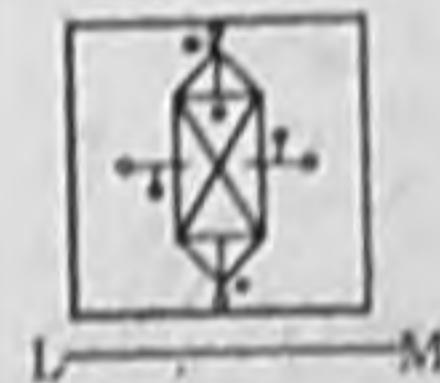
(2) He, himself

(3) Uncle

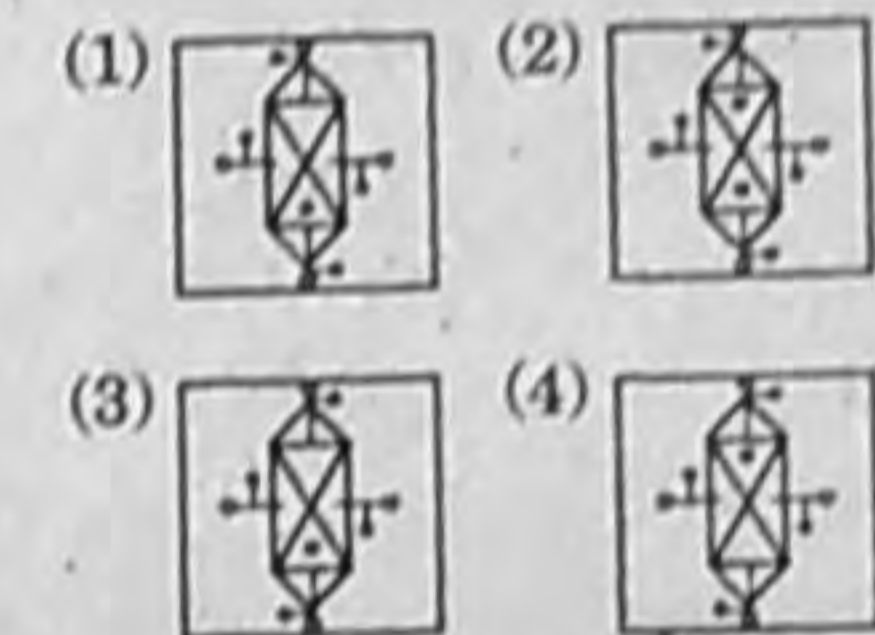
(4) Brother

143. Select the correct water image from the given alternatives :

Question Figure :



Answer Figures :



144. What should come in the place of question-mark (?) in the following series?

10, 14, 15, 33, 22, ?

- (1) 50 (2) 60
(3) 70 (4) 40

145. What should come in the place of question-mark (?) in the following series?

AEJ : CHN :: EJO : ?

- (1) GMS (2) GHM
(3) HNJ (4) MGS

146. Danesh is to the south of Dinesh, who is to the west of Suresh, who is to the west of Deepan. In which direction is Dhanesh with respect to Deepan?

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

147. Find the odd letter group from the given alternatives :

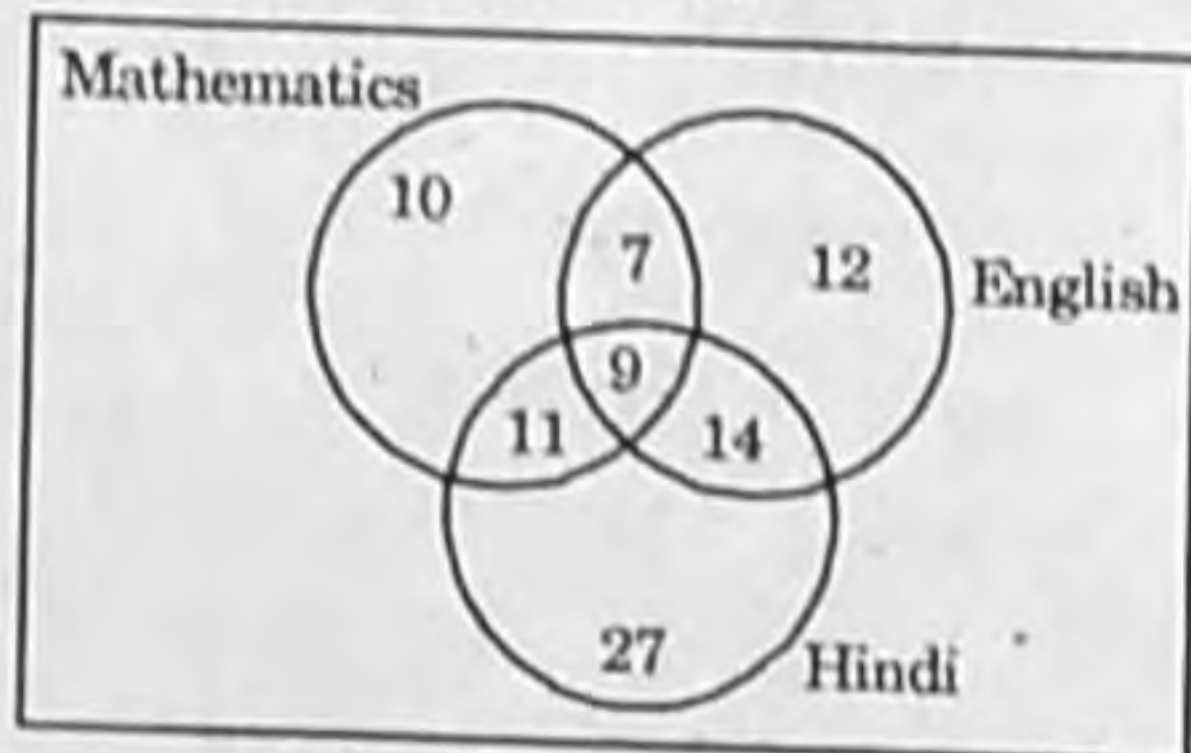
DFH, FIL, HLP, JOS

- (1) DFH (2) JOS
(3) FIL (4) HLP

148. Select that alternative which is different from the others :

- (1) Kozhikode
- (2) Raipur
- (3) Allahabad
- (4) Indore

149. Consider the following venn-diagram and find how many students do not like Mathematics nor English?



- (1) 26
- (2) 27
- (3) 21
- (4) 23

150. In this question are given two statements I and II. You have to decide whether data given in the statements are sufficient to answer the question.

Question : Who is the third heaviest among P, Q, R, S, T and V?

- I. P is heavier than Q; R is heavier than only S.
- II. T is heavier than P who is heavier than V.

- (1) The data in only statement II are sufficient to answer the question.
- (2) The data given in both the statements I and II together are sufficient to answer the question.
- (3) The data even in both the statements I and II together are not sufficient to answer the question.
- (4) The data in only statement I are sufficient to answer the question.

151. Four friends are sitting in a row facing north. A is sitting to the immediate left of C who is sitting second to the

right of B. D is sitting at the right end. Who is sitting at the left end?

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

152. Select that alternative which is different from others :

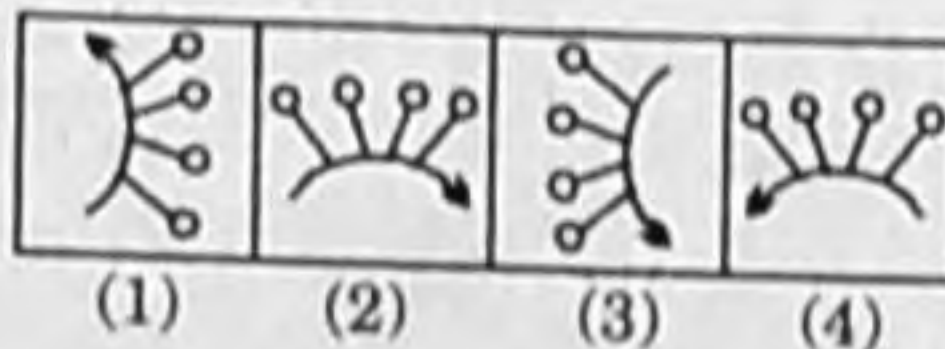
- (1) Bulb
- (2) Switch
- (3) Tubelight
- (4) Torch

153. Select the correct water image from the given alternatives :

Question Figure :



Answer Figures :



154. Read the following statements and find which of the arguments is strong.

Statement :

Should the salary of employees of public sector units be made at par with the salary of employees of private sectors?

Arguments :

- I. Yes, it will help public sector units to attract and retain efficient workforce.
 - II. No, public sector units cannot pay salary at par with private sector units.
 - III. Yes, otherwise public sector units cannot complete with the private sector units.
- (1) Only argument II is strong
 - (2) Neither argument I nor argument II is strong
 - (3) Only arguments I and III are strong
 - (4) Only argument I is strong

155. Select that alternative which is different from the others :

- (1) Watch
- (2) Bangle
- (3) Anklet (ornament)
- (4) Ring

156. Read the following statements and find which of the arguments is strong :

Statement :

Should the sale of human organs in India be legalised?

Arguments :

- I. No, it is against our culture.
 - II. No, it will promote wrong tradition.
 - III. Yes, it will end the illegal trade of human organs.
- (1) Only argument III is strong
 - (2) All I, II and III are strong
 - (3) Only argument I is strong
 - (4) Only argument II is strong

157. In this question are given two statements I and II. You have to decide whether data given in the statements are sufficient to answer the question.

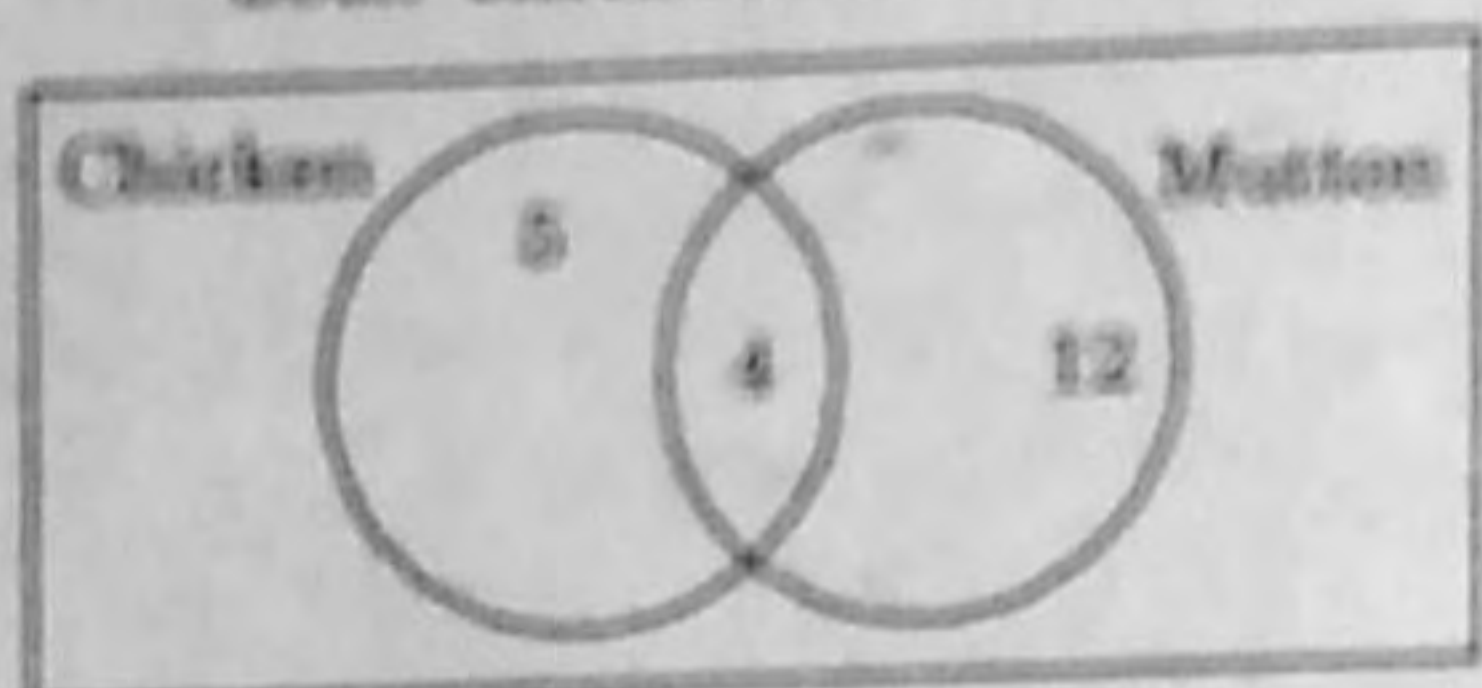
Question : What is the birthday of Dhanesh?

- I. Dhanesh's father correctly remembers that birthday of Dhanesh is after 2 but before 9.
 - II. Dhanesh's mother correctly remembers that birthday of Dhanesh is after 6 but before 9.
- (1) The data in only statement I are sufficient to answer the question.
 - (2) The data even in both the statements I and II together are not sufficient to answer the question.
 - (3) The data in only statement II are sufficient to answer the question.
 - (4) The data given in both the statements I and II together are sufficient to answer the question.

158. Pointing towards a woman, Suren said, "She is only daughter of mother of my brother". How that woman is related to Suren?

- (1) Aunt (2) Cousin
 (3) Sister (4) Mother

159. Consider the following venn-diagram and find the number of persons who do like both chicken and mutton.



- (1) 17 (2) 9
 (3) 11 (4) 4

160. Select that figure from the given alternatives when dot(s) satisfy/satisfies the same conditions as in the figure given below :

