

SECTION - 1

सामान्य हिन्दी

- त्रिलोचन शास्त्री को हिन्दी अकादमी का शालाका सम्मान कब प्रदान किया गया?
 - सन् 1987-88
 - सन् 1989-90
 - सन् 1991-92
 - सन् 1993-94
- भारतीय संविधान के अनुच्छेद 210 में निर्दिष्ट है-
 - संसद में प्रयुक्त होने वाली भाषा के बारे में
 - विधानमंडल में प्रयुक्त होने वाली भाषा के बारे में
 - राज्य की राजभाषा/राजभाषाओं के बारे में
 - संघ की राजभाषा के बारे में
- निम्नलिखित किस वाक्य में 'अकर्मक क्रिया' का प्रयोग हुआ है?
 - मैं सोता हूँ
 - मैं पाता हूँ
 - उसने पीटा
 - उसने खाई
- 'माँ की बहन' संबंध को बताने वाला एक सार्थक शब्द कौन-सा है?
 - चाची
 - मौसी
 - दादी
 - नानी
- "रस से भरा" विग्रह का सामासिक पद इनमें से कौन-सा है?
 - रसीली
 - रसायन
 - रसपूरा
 - रसभरा
- निम्नलिखित में समुदायवाचक विशेषण है-
 - प्रत्येक
 - दूना
 - तीन
 - चारों
- 'बहुत बढ़ा-चढ़ा कर कही गई उक्ति' वाक्यांश के लिए एक सार्थक शब्द चुनिए।
 - भूमिका
 - प्रष्टव्य
 - अवैतनिक
 - अतिशयोक्ति

8. दिए गए पर्यायवाची शब्दों में से वाक्य में आए रिक्त स्थान के लिए सही शब्द चुनिए।

तिरंगा भारत का राष्ट्रीय _____ है।

- निशान
- पताका
- चिह्न
- ध्वज

9. सन् 1968 में किस साहित्यकार को ज्ञानपीठ पुरस्कार मिला था?

- रामधारी सिंह 'दिनकर'
- सूर्यकांत त्रिपाठी 'निराला'
- सुमित्रानंदन पंत
- सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय'

निर्देश (10-14) : निम्नलिखित अनुच्छेद को पढ़कर उसके नीचे दिये गये प्रश्नों के उत्तर दीजिए-

भाषा में "लिंग विषयक चिन्तन" की परम्परा बहुत पुरानी है, भारतीय परिप्रेक्ष्य में पाणिनी से और ग्रीक में अरस्तू से ही चली आती है। इस चिन्तन में दो प्र० उभर कर आते हैं-लिंग प्राकृतिक है अथवा सुविधानुसार है, सादृश्य पर आधारित है अथवा बिसंगतियों पर आधारित है। तब से लेकर चली आती इस परम्परा में सत्रहवीं सदी में "बिना कारण के एवं आदतन" प्रयोग का पहलू जुड़ गया और अर्नाल्ड और लान्सलाट ने इसे इसी रूप में लिया। हर्डर 1772, एडलंग 1783, हम्बोल्ट 1827, और ग्रिम 1890 आदि ने 'कल्पना' और 'मानवीकरण' की प्रवृत्तियों को भाषा में लिंग की उत्पत्ति का कारण बताया। इनमें सबसे महत्वपूर्ण 'ग्रिम के सिद्धान्त' को माना गया। ब्रुगमैन ने इस विवाद में कहा कि "व्याकरणिक लिंग पहले से ही वहाँ था, यह केवल कल्पना की शक्ति का इस्तेमाल किया गया।" ब्रुगमैन का कहना है कि भारोपीय भाषाओं में आ, ई प्रत्यय मूलरूप में स्त्रीलिंग को व्यक्त नहीं करते। ब्रुगमैन के सिद्धान्त को रोथ ने 'अविश्वसनीय का शिखर सम्मेलन करार दिया। यह बहस चलते-चलते जब संरचनावादी ब्लूमफील्ड तक आयी, तो उन्होंने कहा कि भाषा में लिंग का प्रयोग "यादृच्छिक" होता है। संस्कृत के व्याकरण में लिंग निर्धारण के लिए जो आधार माने गए

उनमें सबसे ऊपर रखा गया 'अर्थ' को लिंग अर्थ के अनुसार निर्धारित होते हैं। यदि ऐसा है तो समानार्थी का पर्यायवाची भी उसी लिंग के होने चाहिए थे क्योंकि वे अर्थ के आधार पर ही एक समान संबंध रचनाओं में रखे गए हैं, पर ऐसा है नहीं।

10. निम्न में से कौन कल्पना और मानवीकरण की प्रवृत्तियों को भाषा में लिंग की उत्पत्ति का कारण नहीं मानता?

- हर्डर
- हम्बोल्ट
- ग्रिम
- अर्नाल्ड

11. भारतीय भाषा में 'लिंग विषयक चिन्तन' की परम्परा किससे प्रारंभ होती है?

- पाणिनी
- अरस्तू
- ब्रुगमैन
- ब्लूमफील्ड

12. निम्न में कौन-सा विद्वान भारोपीय भाषाओं के संदर्भ में यह मानता है कि आ, ई प्रत्यय मूलरूप में स्त्रीलिंग को व्यक्त नहीं करते?

- ब्रुगमैन
- हम्बोल्ट
- एडलंग
- अरस्तू

13. निम्न में कौन-सा विद्वान भाषा में लिंग का प्रयोग यादृच्छिक मानता है?

- रोथ
- ब्रुगमैन
- हर्डर
- ब्लूमफील्ड

14. संस्कृत के व्याकरण में लिंग निर्धारण का प्रमुख आधार है?

- शब्द
- अर्थ
- भाषायी जरूरत
- लैंगिक अस्मिता

15. नन्ददास इनमें से किस ग्रंथ के लेखक हैं?

- भाव विलास
- ललित ललाम
- रस मंजरी
- छत्रसाल शतक

16. इनमें से कौन-सा "मालगोदाम" शब्द के समास विग्रह का सही रूप है?

- माल से गोदाम
- माल बनाने के लिए गोदाम
- माल के लिए गोदाम
- माल और गोदाम

17. दिए गए वाक्य के लिए अनावश्यक परसर्गों को हटा कर सही वाक्य छाँटें—
छत पर से नीचे को गिर पड़ा।
(1) वह छत पर नीचे को गिर पड़ा।
(2) वह छत से नीचे गिर पड़ा।
(3) वह छत से नीचे को गिर पड़ा।
(4) वह छत पर नीचे गिर पड़ा।
18. लोकोक्ति और उनके सही अर्थ वाले जोड़े के विकल्प की पहचान कीजिए।

A

B

- | | |
|---|--|
| 1. पंचों का कहा
सिर माथे | a. फैसला मानना |
| 2. हमारी बिल्ली हमी
से म्याऊँ | b. बीती बातें सुनकर
भविष्य की सोचें |
| 3. सहज पके सो
मीठा होय | c. समय पर ही काम
पूरा होता है। |
| 4. बीती चाहि विचारि
देखने की सुधि ले | d. सहायता करने वाले
पर रौब बनाना |
- (1) 1-d, 2-c, 3-b, 4-a
(2) 1-c, 2-a, 3-b, 4-d
(3) 1-b, 2-a, 3-d, 4-c
(4) 1-a, 2-d, 3-c, 4-b

19. लोकोक्ति और उनके सही अर्थ वाले जोड़े के विकल्प की पहचान कीजिए।

A	B
1. गंगा गए गंगादास, जमना गए जमनादास	a. अपनी असफलता पर खीजना
2. खिसियानी बिल्ली खंभा नोचे	b. सिद्धांतहीन व्यक्ति
3. का बरखा जब कृषि सुखाने	c. आय के अनुसार खर्च करना
4. तेते पाँव पसारिए जेती लंबी सौर	d. समय के बाद सहायता मिलना

- (1) 1-d, 2-c, 3-b, 4-a
(2) 1-c, 2-a, 3-b, 4-d
(3) 1-b, 2-a, 3-d, 4-c
(4) 1-a, 2-b, 3-c, 4-d
20. 'केन्द्रीय हिन्दी निदेशालय' की स्थापना कब हुई?
- (1) सन् 1973 (2) सन् 1981
(3) सन् 1952 (4) सन् 1960

21. निम्नलिखित में से सही वाक्य की पहचान कीजिए।

- (1) वह देर में सोकर उठता है।
(2) वह देर के साथ सोकर उठता है।
(3) वह देर तक सोकर उठता है।
(4) वह देर को सोकर उठता है।

22. निम्नलिखित में बहुवचन शब्द है—

- (1) डिबिया (2) हीरा
(3) प्याला (4) समाचार

23. निम्नलिखित में कौन-सा स्त्रीलिंग शब्द है?

- (1) नमक (2) लौंग
(3) भ्रात (4) पनीर

24. 'निरन्तरता-बोधक' संयुक्त क्रिया का उदाहरण है?

- (1) दे डालो
(2) पानी बरसने लगा
(3) बरसता रहता है
(4) पा लिया

25. निम्नलिखित में कौन-सा पुल्लिंग शब्द है—

- (1) गिलहरी (2) कोयल
(3) खटमल (4) मक्खी

26. निम्नलिखित में से सही वाक्य की पहचान कीजिए।

- (1) दुश्मन ने गोले और तोपों से आक्रमण किया।
(2) दुश्मन ने गोलों और तोपों से आक्रमण किया।
(3) दुश्मन ने गोला और तोप से आक्रमण किया।
(4) दुश्मन ने गोले और तोपे से आक्रमण किया।

27. 'रानी केतकी की कहानी' के लेखक हैं—

- (1) रामप्रसाद निरंजनी
(2) सैयद इंशा अल्ला खाँ
(3) लल्लूजी लाल
(4) सदल मिथ

28. जिसके द्वारा कर्ता कोई काम करता है, उसे क्या कहते हैं? -

- (1) कर्म (2) करण
(3) संप्रदान (4) अपादान

29. निम्नलिखित वाक्य में आए खाली स्थान के लिए सही शब्द चुनिए—

माँ ने बाजार से _____ खरीदे।

- (1) जलेबियाँ (2) साड़ियाँ
(3) एक छता (4) बहुत कुछ

30. कुँवर नारायण को ज्ञानपीठ पुरस्कार किस वर्ष प्रदान किया गया था?

- (1) सन् 2003 (2) सन् 2005
(3) सन् 2001 (4) सन् 2007

31. निम्नलिखित में से कौन-सा 'कामदेव' का पर्यायवाची शब्द नहीं है?

- (1) मनोज (2) अनंग
(3) मन्मथ (4) निलय

32. हिन्दी अकादमी शलाका सम्मान की पुरस्कार राशि है—

- (1) 1 लाख (2) 3 लाख
(3) 50 हजार (4) 5 लाख

33. निम्नलिखित में से कौन-सी रचना नरोत्तमदास की है?

- (1) सुदामाचरित (2) हनुमाष्टक
(3) रुक्मिणी मंगल (4) जानकी मंगल

34. निम्न में से 'पुष्टिमागीय भक्ति-संप्रदाय' की स्थापना किसने किया?

- (1) रामानुजाचार्य (2) विट्ठलनाथ
(3) सूरदास (4) वल्लभाचार्य

35. निम्नलिखित में कौन-सा गुणवाचक विशेषण नहीं है?

- (1) सच्ची बात (2) मनो अनाज
(3) गोल आँखें (4) गुलाबी रंग

36. निम्नलिखित वाक्य में आए खाली स्थान के लिए सही शब्द चुनिए—

उद्यमी कभी भी हाथ पर _____ नहीं बैठते हैं, वे तो कुछ करके ही दिखाते हैं।

- (1) सामान रखे (2) पैसे रखे
(3) हाथ धरे (4) पैर रखे

37. 'कोई आया था।' वाक्य में कौन-सा सर्वनाम-भेद का प्रयोग हुआ है?

- (1) प्रश्नवाचक
(2) पुरुषवाचक
(3) निजवाचक
(4) अनिश्चयवाचक

SECTION - 2

GENERAL AWARENESS

- 38.** What does the symbol Rx commonly seen on a doctor's prescription denote?
 (1) To give (2) To see
 (3) To take (4) To address
- 39.** Which of the following options is NOT an example of Rabi Crop in India?
 (1) Mustard (2) Wheat
 (3) Pumpkin (4) Barley
- 40.** Where was 'Board of Revenue, Uttar Pradesh' established in the year 1831?
 (1) Lucknow (2) Allahabad
 (3) Bareilly (4) Rampur
- 41.** The currency of Mexico is
 (1) Rupee (2) Dinar
 (3) Peso (4) Dollar
- 42.** Which of the following states of India signed the memorandum of understanding (MOU) with Maldives to strengthen cancer care in the island nation in September 2011?
 (1) Kerala
 (2) Karnataka
 (3) Maharashtra
 (4) Tamil Nadu
- 43.** Which of the following codes is used to classify goods in a systematic manner under GST?
 (1) HSN Code (2) SAC Code
 (3) GST Code (4) PAC code
- 44.** Pattadakal monuments that are famous for their architectural forms of India are located in which of the following states of India?
 (1) Kerala
 (2) Tamil Nadu
 (3) Karnataka
 (4) Telangana
- 45.** 'APEDA' is an authorised body of the Government of India and it is related to which of the following aspects of the agricultural sector?
 (1) Marketing sea Food
 (2) Creating Agri Trade Zones
 (3) Processed Food Products Export
 (4) Reviving Agri Economy
- 46.** Which of the following launch vehicles was used in mission Chandrayaan-2?
 (1) GSLV MkII
 (2) PSLV C11
 (3) GSLV F11
 (4) PSLV C45
- 47.** What is the capital of Indonesia?
 (1) Sumatra
 (2) Port-au-Prince
 (3) Manila
 (4) Jakarta
- 48.** Which of the following is related to Lucknow?
 (1) Music and Dance
 (2) Handlooms
 (3) Art & Literature
 (4) Ritual
- 49.** Where is Central Detective Training School located?
 (1) New Delhi (2) Chennai
 (3) Mumbai (4) Kolkata
- 50.** Which of the following is NOT a cyber crime?
 (1) Sending pornographic mails
 (2) Distorting the social network
 (3) Hacking
 (4) Copying copyright material without permission
- 51.** Which was the district of India where Chipko movement against commercial forestry started?
 (1) Uttarkashi
 (2) Chamoli
 (3) Almora
 (4) Tehri Garhwal
- 52.** Which of the following is the most appropriate full form of RPF?
 (1) Railway Police Force
 (2) Reserve Police Force
 (3) Railway Protection Force
 (4) Regional Protection Force
- 53.** The ruler of which of the following dynasties has built the famous Sun Temple in Odisha?
 (1) Chola Dynasty
 (2) Pallava Dynasty
 (3) Kadamba Dynasty
 (4) Ganga Dynasty
- 54.** Which one of the following diseases is caused by bacteria?
 (1) Influenza
 (2) Pneumonia
 (3) Smallpox
 (4) Common cold
- 55.** Which of the following options is NOT one of the national parks or Wildlife sanctuaries located in Rajasthan?
 (1) Keoladeo National Park
 (2) Ranthambore National Park
 (3) Sariska Tiger Reserve
 (4) Sahyadri Tiger Reserve
- 56.** "Dollu Kunittha" is a folk dance form of which state in India?
 (1) Tamil Nadu
 (2) Kerala
 (3) Bihar
 (4) Karnataka
- 57.** Which among the following options is a major city of Indus Valley Civilization, located on the banks of River Indus in Larkana District of Pakistan?
 (1) Mohenjodaro
 (2) Harappa
 (3) Lothal
 (4) Alamgirpur
- 58.** Which of the following is the Biography of Kalpana Chawla and is authored by Jean Pierre Harrison?
 (1) Edge of Time
 (2) Flood of Fire
 (3) The Mother I Never Knew
 (4) Dare to Do; For the New Generation
- 59.** Which police zone does the police administration of Sant Kabir Nagar district come under?
 (1) Gorakhpur
 (2) Bareilly
 (3) Prayagraj
 (4) Kanpur
- 60.** Which of the following fundamental rights of Indian Constitution prohibits the employment of children below the age of 14 years in any factory?
 (1) Right to Equality
 (2) Right to Freedom
 (3) Right against Exploitation
 (4) Cultural and Educational Rights

61. Where is the headquarters of Indian agricultural Research Institute-pusa located ?
 (1) Delhi (2) Lucknow
 (3) Dehradun (4) Karnal
62. Which of the following books is written by Rohinton Mistry?
 (1) English, August
 (2) Our moon has Blood Clots
 (3) Serious Men
 (4) A fine Balance
63. Which of the following central Police forces emerged as a militia called the 'Cachar Levy' deployed in some of the most remote and under developed areas of North East India ?
 (1) Border Security Force (BSF)
 (2) Indo-Tibetan Border Police (ITBP)
 (3) Assam Rifles (AR)
 (4) Central Reserve Police Force (CRPF)
64. When was the protection of Human Rights Act (PHRA) established in India?
 (1) 1952 (2) 1967
 (3) 1993 (4) 2006
65. How many core groups are there in National Human rights commission as of June 2020 ?
 (1) 4 (2) 6
 (3) 9 (4) 12
66. Read the following statements and choose the CORRECT option.
- The Great Rann of Kutch is a salt marsh in the Thar Desert of India which is divided into two parts known as Great Rann of Kutch (GRK) and Little Rann of Kutch (LRK)
 - The major population of Indian Wild Ass is in Little Rann of Kutch and the area is declared as Wild Ass Sanctuary having an area of about 4953.70 sq.km.
- (1) (i) is TRUE and (ii) is TRUE
 (2) (i) is TRUE and (ii) is FALSE
 (3) (i) is FALSE and (ii) is TRUE
 (4) (i) is FALSE and (ii) is FALSE
67. What does the plant virus TMV stand for ?
 (1) Tobacco Mosaic Virus
 (2) Tobacco Marble virus
 (3) Transitive Mosaic virus
 (4) Transportive Mosaic virus
68. In which of the following regions, over 20 soldiers including the commanding officer were killed in a clash with China in June 2020?
 (1) Galwan valley
 (2) Darma valley
 (3) Dihing valley
 (4) Lug valley
69. How many members are there in the committee on Economic, social and cultural Rights in the office of the United Nations High Commissioner for Human Rights (OHCHR) ?
 (1) 6 (2) 12
 (3) 18 (4) 24
70. How many members are there in the Board of Revenue, Uttar Pradesh ?
 (1) 2 (2) 3
 (3) 7 (4) 10
71. As per Article 326 of the Indian constitution, the elections to the House of the People and to the Legislative Assembly of every state shall be on the basis of Adult Suffrage. This Adult Suffrage means every citizen has the right to participate in the elections who is NOT less than
 (1) 18 years of age
 (2) 19 years of age
 (3) 20 years of age
 (4) 21 years of age
72. In which of the following places is the Embassy of India in Myanmar ?
 (1) Yangon (2) Thaton
 (3) Taunggyi (4) Mandalay
73. Which among the following dates is observed as World Brain Tumour Day ?
 (1) 05th June (2) 08th June
 (3) 12th June (4) 21st June
74. Which of the following is the most appropriate full form of CRPF ?
 (1) Chennai Railway Police Force
 (2) Chennai Railway Protection Force
 (3) Central Reserve Police Force
 (4) Central Reserve Protection Force
75. Which of the following countries has conducted passage exercises with the Royal Australian Navy in September 2020?
 (1) USA (2) Russia
 (3) India (4) China

SECTION - 3 NUMERICAL ABILITY

76. The general form of a linear equation in 2 variables is
 (1) $ax + by + c = 0$ where a , b , and c are real numbers and a and b are non-zero numbers
 (2) $ax + by + c = 0$ where a , b and c are real numbers
 (3) $ax + by + c = 0$ where $a = b = 0$ and c is non-zero real number
 (4) $ax + by + c = 0$ where a , b and c are real numbers and are distinct
77. A train passes a standing man in 15.3 sec and it passes a bridge of length 196 m in 43.3 sec. The speed of the train is
 (1) 5 m/s (2) 12 km/hr
 (3) 7 m/s (4) 18 km/hr
78. Hari invested a certain amount X at the annual interest rate of 10% if the investment returns simple interest and the total amount received at the end of 4 years is Rs. 21,000, then what was the value of X ?
 (1) Rs. 12,600 (2) Rs. 13,400
 (3) Rs. 14,200 (4) Rs. 15,000
79. If M denotes multiplication, D denotes division, A denotes addition, S denotes subtraction, then what is the value of the following expression ?
 $25S72D12A1M6$
 (1) 25 (2) 20
 (3) 35 (4) 2

SECTION - 4
MENTAL ABILITY

80. The ratio of the areas of two similar triangles is equal to
- (1) The ratio of their corresponding sides
 - (2) The square of the ratio of their corresponding sides
 - (3) The cube of the ratio of their corresponding sides
 - (4) The ratio of their corresponding altitude

81. If the product of two numbers is 864 and their H.C.F is 12, then what is their L.C.M. ?
- (1) 36
 - (2) 72
 - (3) 144
 - (4) 288

82. Which of the following is an irrational number ?

- (1) $\frac{\sqrt{12}}{\sqrt{3}}$
- (2) $\frac{\sqrt{4}}{\sqrt{25}}$
- (3) $\frac{\sqrt{20}}{\sqrt{4}}$
- (4) $\frac{\sqrt{63}}{\sqrt{28}}$

83. What would be the value of 'x' in the given equation ?

$$\frac{0.0004}{x} = 0.002$$

- (1) 0.02
- (2) 0.2
- (3) 0.002
- (4) 0.0002

84. A candidate secures 57% votes in an election and defeats the other candidate by 6,524 votes. if there were only two candidates, then how may votes does the losing candidate get ?

- (1) 46,600
- (2) 20,038
- (3) 26,562
- (4) 41,200

85. There are two sections A and B of a class, consisting of 36 and 44 students respectively. if the average weight of the students in section A is 40 kg and that in section B is 35 kg, then the average weight of students in both the sections together is

- (1) 36.55 kg
- (2) 37.25 kg
- (3) 39.45 kg
- (4) 41.58 kg

86. Select one of the following four options that will make the second pair analogous to the first pair

Bull : Cow :: Stallion : ?

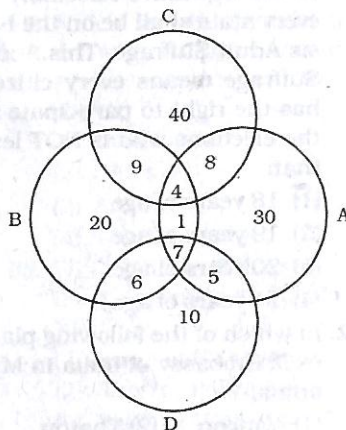
- (1) Zebra
- (2) Mare
- (3) Pony
- (4) Stag

87. An animal's name is formed by using few of the letters of the word "NATIONAL". What is the name of the animal thus, formed ?

- (1) LOON
- (2) KOEL
- (3) LION
- (4) DEER

88. The venn diagram mentioned here gives a report of the number of students who participated in a sport event. There were only four sports conducted in the event. The distribution shows the number of students who participated in four sports A, B, C and D. Based on the information given in the venn diagram, answer the question given below.

How many students participated in the sports C and A ?



- (1) 4
- (2) 8
- (3) 12
- (4) 13

89. **Directions :** The question consists of a statement, followed by two arguments numbered I and II. You have to decide which of the given argument is strong and which argument is weak.

Statement:

Should we ride a bike without helmet to enjoy a ride ?

Arguments :

- I. Yes. Riding without helmet is safe and fun filled.
- II. No. Riding with a helmet is good for safety incase of any accidents.

- A. Only argument I is strong.
- B. Only argument II is strong.
- C. Both arguments I and II are strong.

- D. Neither argument I nor argument II is strong.

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

90. Given below is a statement followed by two assumptions. Choose the answer as

- A. if only assumption (i) is implicit in the statement.
- B. if only assumption (ii) is implicit in the statement.
- C. if both assumptions (i) and (ii) are implicit in the statement.

- D. if none of the assumptions is implicit in the statement.

Statement:

Children should be kept away from continuous usage of smartphone.

Assumptions:

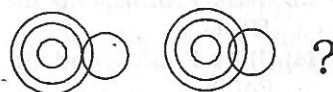
- (i) Smartphone's usage by children damages their eyes and vision.
- (ii) Playing games in smartphones for long duration is healthy for eyes.

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

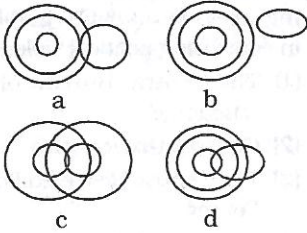
91. Which is the next figure in the series given ?

[Note: Choose the right answer from the answer figures given and select an option]

Problem Figures



Answer Figures .



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

92. What should be the missing term in the series

101, 90, 80, ?, 63, 56 ?

- (1) 79 (2) 77
(3) 75 (4) 71

93. K walks 10 km towards North. From there he walks 6 km towards South. Then he walks 3 km towards East. How far and in which direction is he with reference to his starting point ?

- (1) 5 km West
(2) 5 km North-East
(3) 7 km East
(4) 7 km South-West

94. What is the minimum number of cuts required to make four cub-oids from a cube ?

- (1) One (2) Two
(3) Three (4) Four

SECTION - 5 MENTAL APTITUDE

95. In India, at the district level the maintenance of public safety is mainly the responsibility of

- (1) The State Government
(2) The Central Government
(3) The District Administration
(4) The Panchayati Raj

96. Seema has gone to Bali on a holiday with her family. When they are about to leave the place they get stopped by the hotel security staff. Which one of the following options is NOT one of the reasons for which the security would have stopped them?

They have

- (1) taken the TV, towels and phones from the rooms.
- (2) not been eating from the restaurants in the hotel.
- (3) taken the soaps and shampoos the hotel has provided.
- (4) been creating a lot of noise during their stay at the hotel

97. Mohan is an introvert. He has very few friends at his workplace. He hates any kind of change in his routine at work and at home. He has been on the same job for the last six years doing the job exactly the same way. His new manager wants to reorganise the entire team. Before Mohan moves into his new role, he needs to complete a few on-line courses. Knowing Mohan's personality which of the following courses of action he is likely to take ?

- (1) Mohan is likely to move into his job enthusiastically.
- (2) Mohan will complete the required online courses willingly.
- (3) Mohan is likely to resist any kind of change to his present role.
- (4) Mohan will attempt to gather at least a few friends at his work place.

98. According to a rule of law practiced in India, the ultimate power lies with the

- (1) Army
- (2) Governor
- (3) Prime Minister
- (4) Constitution

99. A recently elected government in City X has taken certain policy decisions in the interest of public. Which of the following policies taken by this local government is unlikely to be criticized by the public?

- (1) Increasing the ticket fares on local modes of transportation every year.
- (2) Locating all high schools and colleges only in the outskirts of a city.

- (3) Providing free advanced health care facilities to all the citizens.
- (4) Limiting the participation of women only to teaching profession.

100. Sally was a successful teacher. Unfortunately she lost both her legs in a tragic accident. Which of the following actions by the management indicate that they lack sensitivity towards the underprivileged?

- (1) The management offered a desk job to Sally after her accident.
- (2) The management was ready to pay Sally during her long absence.
- (3) Sally was asked to offer her resignation and serve two months notice period.
- (4) Sally was offered a job in which she could offer on-line tutoring.

101. Almost any private or public issue has a potentiality of becoming a law and order situation in any country with a huge population. Which of the following situations may NOT turn out into a law and order situation ?

- (1) The government has cancelled subsidy on farming products and the farmers are on a protest march
- (2) Women marching towards the assembly protesting against increasing atrocities on women.
- (3) People gathered on either side of the road to participate in a religious parade
- (4) Children from different schools have gathered to participate in children's day celebrations.

102. Smuggling is an economic offence. The commodities which are mostly smuggled are drugs (heroin, etc), gold and silver, diamonds, arms and explosives, wristwatches, electronic goods etc. Which of the following is NOT a challenge in controlling smuggling ?

- (1) Large and porous border
 (2) Human resource constraints
 (3) Institutional and international cooperation
 (4) Emergence of E-commerce
- 103.** Paul, since his childhood dreamt of becoming a detective. He practised skills required to be an investigative person. Paul, is unlikely to exhibit which of the following traits ?
 (1) He enjoys solving complex problems
 (2) He is easily bored, inactive and lacks energy.
 (3) He collects information and analyzes situations.
 (4) He focuses on ideas when he is involved with people
- 104.** The Constitution of India provides equal opportunities to its entire people. All of the following policies taken by the government after Independence aimed to increase communal harmony EXCEPT:
 (1) Irrespective of caste, religion, creed, place of birth all Indians were treated equally
 (2) After Independence the government favoured tolerance, secularism and national integration.
 (3) Various states in India were formed in 1956 on the basis of languages disturbing harmony
 (4) Promoting national integration by saying that all must have a common identity as Indians.
- 105.** Shankar likes to work in situations where he can use his creativity and come up with new ideas. He enjoys performing (theatre or music) and visual arts. Which of the following professions is Shankar likely to be interested in ?
 (1) Health care
 (2) Audio and video technology
 (3) Finance
 (4) Public administration

- 106.** In ancient India, when conflicts arose or crimes occurred in the village all of the following were responsible for finding a solution EXCEPT:
 (1) The village panchayat
 (2) The village elders
 (3) The village head man
 (4) The women of the village
- 107.** As an HR consultant you have been asked by a leading company to recruit a person for a top post.
 You have no gender sensitivity if,
 (1) You prefer to select a male candidate only.
 (2) You prefer to select a suitable person.
 (3) You prefer to select an experienced candidate only
 (4) You prefer to select a local candidate only.
- 108.** Most successful people are known to exhibit mental toughness because they
 (1) remember only their mistakes
 (2) learn from their mistakes
 (3) ignore their mistakes
 (4) avoid making mistakes
- 109.** In country 'Y' because of incessant rains and floods the price of onions increased tremendously. It went up to Rs 80 per kg. The public demanded that the government should take action to bring down the price of onions. The government stepped in and brought the onion price under control. Which of the following actions by the government would have helped it to bring down the price of onions?
 (1) Banning the export of onions immediately
 (2) Warning the traders that they should not hoard onion stocks.
 (3) Rewarding the consumers to use less onions.
 (4) Lifting stock limits on onion traders.

- 110.** In India which of the following agencies is NOT involved in controlling political violence ?
 (1) The Central Bureau of Intelligence
 (2) Central Universities
 (3) The Central Reserved Police Forces
 (4) The Indian Police Service

SECTION -6 : IQ TEST

- 111.** In a certain code, if FAT is coded as 9 and RAT is coded as 13, then what will be the code for MAP ?
 (1) 17 (2) 10
 (3) 5 (4) 11
- 112.** Alex married Babita on some day between 12th of April to 19th of April. His brother remembers that Alex married somewhere between 15th to 18th excluding those 2 days. If he has married after 16th of April and all the information given is correct, then on which date did he marry ?
 (1) 16th April (2) 17th April
 (3) 19th April (4) 20th April
- 113.** Alka and Palak are sisters. Meenakshi is the sister of Ritik, who is the son of Palak. How is Alka related to Ritik?
 (1) Aunt
 (2) Cousin
 (3) Grandmother
 (4) Niece
- 114.** An old lady walks 10m towards east, then turns left and walks 8m. After that she turns right and walks 50 m distance and then turns right and walks 30m and reaches her destination. In which direction is she with respect to the starting point ?
 (1) East
 (2) West
 (3) South-East
 (4) South-West
- 115.** Which is the odd one out among the four options ?
 (1) ##25 (2) ##45
 (3) ##20 (4) KM100

116. How many numbers from 1 to 1000, including both extremes, are both perfect squares as well as perfect cubes ?

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

117. The average of six positive integers is 63. What is possible value of the greatest of these integers ?

- (1) 373 (2) 357
(3) 360 (4) 362

118. Arrange the words given below in a meaningful sequence.

1. Mail to client
2. Drawing
3. Pen tablet
4. Laptop
5. Design approval

- (1) 1, 4, 3, 2, 5
(2) 1, 3, 2, 4, 5
(3) 3, 2, 1, 4, 5
(4) 4, 3, 2, 5, 1

119. In the series of alphabet given, which alphabet is 7th to the left of 3rd alphabet from the right?

- A B C F G H K D M I L F N
(1) G (2) H
(3) F (4) K

120. If yesterday was Sunday, then what day of the week will it be after 10 days from tomorrow?

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

121. Instruction: The table given below shows the foreign exchange reserves of a country (in million US \$) from 1991-92 to 1998 - 99. Answer the question based on the information given.

Years	Value in million US \$
1991 - 92	2520
1992 - 93	3720
1993 - 94	4523
1994 - 95	4578
1995 - 96	1234
1996 - 97	4710
1997 - 98	5040

What was the increase in the foreign exchange reserves in 1997-88 over 1993-94? (in million US\$)

- (1) 546 (2) 517
(3) 256 (4) 747

122. In a certain code, if FLING is coded as UORMT, then what will be the code for STICK ?

- (1) RSHBJ (2) HGRXP
(3) TUJDL (4) VWLFN

123. Which of the following options will make the second pair analogous to the first pair given as : 17 : 401 :: 13 : ?

- (1) 319 (2) 274
(3) 267 (4) 257

124. What comes in the place of question mark in the given series?

GK, IM, ?, MQ, OS

- (1) OK (2) KO
(3) NO (4) NK

125. Arrange the words given below in the order of heirarchy:

1. Supreme court
2. High court
3. Gram panchayat
4. Zilla panchayat
5. Taluk panchayat

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

126. A bus travels 100 km towards north, then turns right an travels 80km. After that it turns right and travels 45 km distance and then turns right and starts moving. Which direction is the bus facing at the end ?

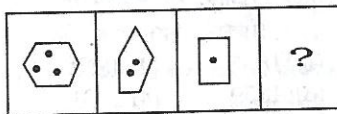
- (1) East (2) West
(3) North (4) South

127. Which is the odd one out among the four options?

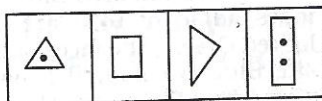
- (1) 30#M (2) 12#M
(3) 18#M (4) 3K#M

128. Which of the answer figures will complete the figural series given in the problem figures?

Problem Figures



Answer Figures



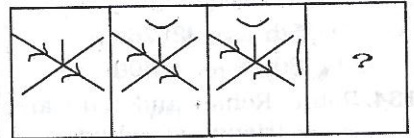
- A B C D
(1) A (2) B
(3) C (4) D

129. In a certain code, if PERFUME is coded as FNVGSFQ, then what will be the code for SCENT ?

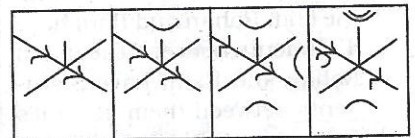
- (1) UOFDT (2) TBFMS
(3) RBDUO (4) PBNOS

130. Which of the answer figures will complete the figural series given in the problem figures?

Problem Figures



Answer Figures



- A B C D

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

SECTION - 7 REASONING ABILITY

131. There are some women and men in a meeting. The square of the number of men is less than the square of the number of women by 40. If there were four more men, the number of women would have been same as that of the men. The total number of the men and women in the meeting is

- (1) 22 (2) 17
(3) 10 (4) 8

132. Introducing Vinay to her husband, Sneha said, "His sister's father is the only son of my paternal grandmother." How is Sneha related to Vinay's 2 year old daughter Pooja ?

- (1) Mother (2) Sister-in-law
(3) Niece (4) Aunt

- 133.** Rohit, Rohan and Rani are three friends standing in a queue to pay their fees in the administrative office. Rohit stands 9th from the beginning of the queue. Rani is 14th from the end. Rohan and Rani have 4 students between them and Rohan and Rohit have 5 students between them. If Rani's position is 20th from the beginning, then Rohit's position from the end of the queue is
- (1) 25th (2) 26th
(3) 28th (4) 30th

- 134.** Rohit, Rohan and Rani are three friends standing in a queue to pay their fees in the administrative office. Rohit stands 9th from the beginning of the queue. Rani is 14th from the end. Rohan and Rani have 4 students between them and Rohan and Rohit have 5 students between them. If Rani's position is 20th from the beginning then, the total number of students in the queue is
- (1) 35 (2) 30
(3) 34 (4) 33

- 135.** Select one of the following four options that will make the second pair analogous to the first pair.

AHU : UHA :: LGK : ?
(1) KGH (2) KGL
(3) GHL (4) AGH

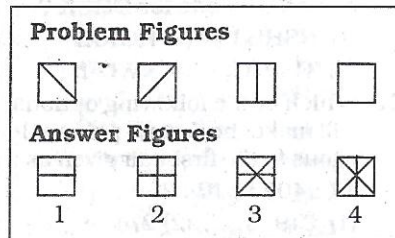
- 136.** Select one of the following four options that will make the second pair analogous to the first pair

ACTUAL : TCALAU :: NATIVE : ?
(1) TNAVIE (2) ANETVI
(3) ANIVEI (4) TANEVI

- 137.** Dolly is taller than Chandra and Farah. Anand is shorter than Farah, Chandra is taller than Anand. Dolly is shorter than Bharat. Who among them is the second shortest person if Chandra's height is 6 cm more than Farah's height?

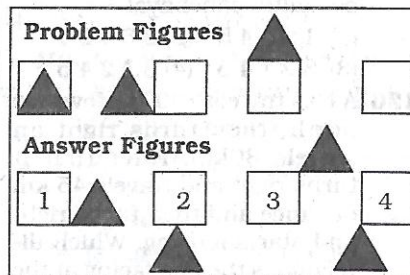
(1) Chandra (2) Anand
(3) Dolly (4) Farah

- 138.** Identify the figure that completes the visual series.



- (1) 1 (2) 2
(3) 3 (4) 4
- 139.** A set is given (36,39,45). The sets given in options are similar to it considering the HCF of elements, EXCEPT one. Find the set that is different.
- (1) (24, 16, 32)
(2) (48, 15, 9)
(3) (12, 18, 21)
(4) (27, 33, 6)

- 140.** Identify the figure that completes the visual series.



- (1) 1 (2) 2
(3) 3 (4) 4
- 141.** Select one of the following four options that will make the second pair analogous to the first pair

459 : 954 :: 387 : ?
(1) 837 (2) 783
(3) 939 (4) 700

- 142.** Which number replaces the question mark (?) in the series given below?

1, 1, 3, 19, 169, ?
(1) 1857 (2) 1858
(3) 1859 (4) 1861

- 143.** A face is chosen randomly on a cube. It is coloured Blue. All faces adjacent to it are coloured Green. The faces opposite Blue is coloured Brown. How many faces are coloured with Green colour ?

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

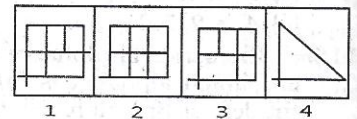
- 144.** If the length and breadth of a rectangular field of area 2,160 sq. m are in the ratio 5:3 then the length and breadth of the field are

(1) 60 m., 36 m.
(2) 44 m., 56 m.
(3) 76 m., 82 m.
(4) 90 m., 78 m.

- 145.** Mr. Jojo invested a sum of money at an annual simple interest of 5%. At the end of eight years the amount invested plus the interest earned was Rs. 1,400. The amount he invested was

(1) Rs. 1,000 (2) Rs. 1,200
(3) Rs. 900 (4) Rs. 850

- 146.** Among the given group of 4 images, which set of images can be classified as a group?



(1) (1, 2, 3) (2) (1, 2, 4)
(3) (1, 3, 4) (4) (2, 3, 4)

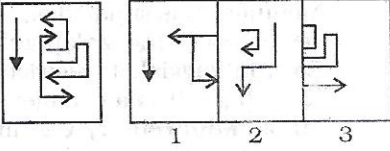
- 147.** A dice is taken. Numbers from 1 to 6 are written on its faces. The faces with numbers 1 and 4 are adjacent to each other. Number 6 is on the face opposite to the face with number 3. Number 2 is not on the face opposite to face with number 4. How many pairs of odd numbers are on opposite faces ?

(1) 0 (2) 1
(3) 2 (4) 3

- 148.** A dice is numbered from 1 to 6. The sum of the numbers on opposite faces are 8, 7 and 6 respectively. 6 is adjacent to 1 and three more numbers. 4 is adjacent to 2 and three more numbers. Which number is opposite to 5 ?

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

- 149.** A figure is given on the left with a pattern. Observe and find which of the three images on the right looks similar to the right half of this pattern ?



- (1) 1 (2) 2
(3) 3 (4) Both 1 and 2

150. Three out of the given four codes are similar. Find the odd one out.

- (1) PT3 (2) JP5
(3) WX3 (4) TV1

ANSWERS

1. (2)	2. (2)	3. (1)	4. (2)
5. (4)	6. (4)	7. (4)	8. (4)
9. (3)	10. (4)	11. (1)	12. (1)
13. (4)	14. (2)	15. (3)	16. (3)
17. (2)	18. (4)	19. (3)	20. (4)
21. (3)	22. (4)	23. (2)	24. (3)
25. (3)	26. (2)	27. (2)	28. (2)
29. (4)	30. (2)	31. (4)	32. (4)
33. (1)	34. (4)	35. (2)	36. (3)
37. (4)	38. (3)	39. (3)	40. (2)
41. (3)	42. (1)	43. (1)	44. (3)
45. (3)	46. (1)	47. (4)	48. (1)
49. (4)	50. (4)	51. (4)	52. (3)
53. (4)	54. (2)	55. (4)	56. (4)
57. (1)	58. (1)	59. (1)	60. (3)
61. (1)	62. (4)	63. (3)	64. (3)
65. (3)	66. (1)	67. (1)	68. (1)
69. (3)	70. (4)	71. (1)	72. (1)
73. (2)	74. (3)	75. (3)	76. (2)
77. (*)	78. (4)	79. (1)	80. (2)
81. (2)	82. (3)	83. (2)	84. (2)
85. (2)	86. (2)	87. (3)	88. (3)
89. (2)	90. (3)	91. (3)	92. (4)
93. (2)	94. (3)	95. (3)	96. (2)
97. (3)	98. (4)	99. (3)	100. (3)
101. (4)	102. (3)	103. (2)	104. (3)
105. (2)	106. (4)	107. (1)	108. (2)
109. (1)	110. (2)	111. (2)	112. (2)
113. (1)	114. (3)	115. (4)	116. (4)
117. (1)	118. (4)	119. (3)	120. (2)
121. (2)	122. (2)	123. (4)	124. (2)
125. (2)	126. (2)	127. (4)	128. (3)
129. (1)	130. (3)	131. (3)	132. (4)
133. (1)	134. (4)	135. (2)	136. (4)
137. (4)	138. (1)	139. (1)	140. (1)
141. (2)	142. (1)	143. (1)	144. (1)
145. (1)	146. (1)	147. (1)	148. (4)
149. (3)	150. (3)		

EXPLANATIONS

- (2) त्रिलोचन शास्त्री को हिन्दी अकादमी का शलाका सम्मान सन् 1989 - 90 में प्रदान किया गया।
- (2) भारतीय संविधान के अनुच्छेद 210 में निर्देशित है भाग 17 में किसी बात के होते हुए भी, किन्तु अनुच्छेद 348 के उपबंधों के अधीन रहते हुए, राज्य के विधान मंडल में कार्य राज्य की राजभाषा या राजभाषाओं में या हिन्दी में या अंग्रेजी में किया जाएगा। परंतु यथास्थिति विधान सभा का अध्यक्ष या विधान परिषद् का सभापति या उसका समकक्ष किसी सदस्य को अपनी मातृभाषा में सदन को संबोधित करने की अनुज्ञा दे सकेगा।
- (1) दिए गए वाक्य में 'अकर्मक क्रिया' विकल्प (1) में सोता हूँ में प्रयोग हुआ है।
- (2) 'माँ की बहन' से संबंध को बताने वाला एक सार्थक शब्द विकल्प (2) मौसी है।
- (4) "रस से भरा" विग्रह का सामासिक पद विकल्प (4) रसभरा होगा।
- (4) दिए गए विकल्पों में समुदाय वाचक विशेषण विकल्प (4) चारों है।
- (4) 'बहुत बढ़ा-चढ़ा कर कही गई उक्ति' वाक्यांश के लिए एक सार्थक शब्द विकल्प (4) अतिशयोक्ति है।
- (4) दिए गए पर्यायवाची शब्दों में से वाक्य में आए रिक्त स्थान के लिए सही शब्द विकल्प (4) ध्वज है। तिरंगा भारत का राष्ट्रीय ध्वज है।
- (3) सन् 1968 में सुमित्रानंदन पंत को ज्ञानपीठ पुरस्कार मिला था।
- (4) अर्नाल्ड कल्पना और मानवीकरण की प्रवृत्तियों को भाषा में लिंग की उत्पत्ति का कारण नहीं मानता।
- (1) भारतीय भाषा में लिंग विषयक चिन्तन की परम्परा विकल्प (1) पाणिनी से प्रारंभ होती है।
- (1) विकल्प (1) ब्रुगमैन विद्वान् भारोपीय भाषाओं के संदर्भ में यह मानता है कि 'आ' 'ई' प्रत्यय मूलरूप में स्त्रीलिंग को व्यक्त नहीं करते।
- (4) विकल्प (4) ब्लूमफील्ड विद्वान् भाषा में लिंग का प्रयोग यादृच्छिक मानता है।

- (2) संस्कृत के व्याकरण में लिंग निर्धारण का प्रमुख आधार विकल्प (2) अर्थ है।
- (3) नन्ददास दिए गए ग्रंथों में रस मंजरी के लेखक हैं।
- (3) "मालगोदाम" शब्द का समास विग्रह का सही रूप विकल्प (4) माल के लिए गोदाम है।
- (2) "वह छत पर से नीचे को गिर पड़ा" वाक्य के लिए अनावश्यक परसर्गों को हटा कर सही वाक्य के लिए दिए वाक्यों में से वाक्य (2) "वह छत से नीचे गिर पड़ा" सही है।
- (4) 1 - a, 2 - d, 3 - C, 4 - b
1. पंचों का कहा सिर माथे
a. फैसला मानना
2. हमारी बिल्ली हमी से म्याऊँ
d. सहायता करने वाले पर रोब जमाना
3. सहज पके सो मीठा होय
c. समय पर ही काम पूरा होता है
4. बीती ताहि बिसारि दे आगे की सुधि ले
b. बीती बातें भूलकर भविष्य की सोचें
- (3)
1. गंगा गए गंगादास, जमना गए जमनादास
b. सिद्धांतहीन व्यक्ति
2. खिसियानी बिल्ली खंभा नोचे
a. अपनी असफलता पर खीमना
3. का बरखा जब कृषि सुखाने
d. समय के बाद सहायता मिलना
4. तेते पाँव पसारिए जेती लंबी सौर
c. आय के अनुसार खर्च करना
- (4) 'केन्द्रीय हिंदी निदेशालय' की स्थापना सन् 1960 में हुई।
- (3) दिए गए वाक्यों में सही वाक्य विकल्प (3) है- वह देर तक सोकर उठता है।
- (4) दिए गए शब्दों में बहुवचन शब्द विकल्प (4) समाचार है।
- (2) दिए गए शब्दों में बहुवचन शब्द विकल्प (2) लौंग है।
- (3) 'निरन्तरता-बोधक' संयुक्त क्रिया का उदाहरण विकल्प (3) बरसता रहता है।

25. (3) विकल्प (3) खटमल पुल्लिंग शब्द है।
26. (2) दिए गए वाक्यों में सही वाक्य विकल्प (2) दुश्मन ने गोलों और तोपों से आक्रमण किया।
27. (2) 'रानी केतकी की कहानी' के लेखक विकल्प (2) सैयद इशा अल्ला खॉ है।
28. (2) जिसके द्वारा कर्ता कोई काम करता है, उसे करण कारक कहते हैं।
29. (4) दिए गए शब्दों में वाक्य के लिए प्रयुक्त शब्द विकल्प (4) बहुत कुछ" है। माँ ने बाजार से बहुत कुछ खरीदे।
30. (2) कुँवर नारायण को ज्ञानपीठ पुरस्कार सन् 2005 में प्रदान किया गया था।
31. (4) दिए गए विकल्पों में विकल्प (4) 'मिलय', 'कामदेव' का पर्यायवाची शब्द नहीं है। बल्कि मनोज, अनंग, मन्यय ये सभी कामदेव के पर्यायवाची हैं।
32. (4) हिंदी अकादमी शलाका समान की पुरस्कार राशि- विकल्प (4) 5 लाख रूपये है।
33. (1) नरोत्तमदास की रचना विकल्प (1) सुदामाचरित हैं।
34. (4) 'पुष्टिमार्गीय भक्ति-सम्प्रदाय' की स्थापना विकल्प (4) बल्लभाचार्य ने किया।
35. (2) "मनों अनाज" गुणवाचक विशेषण नहीं है।
36. (3) उद्यमी कभी भी हाथ पर हाथ धरे नहीं बैठते हैं, वे तो कुछ करके ही दिखाते हैं।
37. (4) 'कोई आया था' वाक्य में विकल्प (4) अनिश्चय वाचक सर्वनाम-भेद का प्रयोग हुआ है।
38. (3) The symbol "Rx" is usually said to stand for the Latin word "recipe" meaning "to take. It is customarily part of the superscription (heading) of a prescription.
39. (3) Rabi crop refers to agricultural crops sown in winter and harvested in the spring. It is the spring harvest (also known as the "winter crop") in Indian subcontinent. The Rabi crops include wheat, barley, oats (cereals), chickpea/gram (pulses), linseed, mustard (oilseeds) etc. Pumpkin is a popular vegetable rainy season crop in India.
40. (2) The Board of Revenue was established at Allahabad in the year of 1831. The main function of this Board of Revenue were as follows : -
"Collection of Rent, Revenue and control over collection staff.
"Administration of Revenue laws.
"Administration of tax laws relating to stamps, Excise, opium and Income tax.
"Work regarding Court of wards.
"Judicial work regarding Revenue laws.
"Settlement operations.
41. (3) The Mexican Peso is the currency of Mexico. The peso is subdivided into 100 centavos. It is the 15th most traded currency in the world and the third most traded currency from the Americas (after the United States dollar and Canadian dollar). Besides, it is the most traded currency from Latin America.
42. (1) Kerala on 16 September 2019 inked a memorandum of understanding (MoU) with Maldives to strengthen cancer care in the island nation. The MoU was signed by Kerala government and the Regional Cancer Centre (RCC), Thiruvananthapuram, with the health ministry of Maldives as part of improving cooperation between the two countries.
43. (1) In the GST system, Harmonized System of Nomenclature (HSN) is a uniform code that is used to classify goods in a systematic manner. It was developed by the World Customs Organization (WCO) and is considered the global standard when it comes to naming goods. Businesses that have a turnover of less than Rs 1.5 crore do not need to use HSN.
44. (3) The Pattadakal Group of Monuments is situated on the west bank of the Malaprabha River in Bagalakote district of Karnataka. It is a complex of 7th and 8th century CE Hindu and Jain temples that is a UNESCO World Heritage site. The complex consists of a group of ten major temples, each displaying interesting architectural features.
45. (3) Agricultural and Processed Food Products Export Development Authority (APEDA) is an apex body under the Ministry of Commerce and Industry, Government of India, responsible for the export promotion of agricultural products. It promotes the exports of agricultural and processed food products.
46. (1) Chandrayaan-2 was launched on board the Geosynchronous Satellite Launch Vehicle Mark III (GSLV MK III M1), on 22 July 2019. The spacecraft was launched on its mission to the Moon from the second launch pad at the Satish Dhawan Space Centre in Andhra Pradesh on 22 July 2019. GSLV MK III M1 is a three-stage medium-lift launch vehicle developed by ISRO.
47. (4) Jakarta is the capital city of the Republic of Indonesia. Located on the northwest coast of the world's most populous island of Java, it is the centre of economy, culture and politics of Indonesia. It is the world's second-most populous urban area after Tokyo.
48. (1) Lucknow gharana is a style of tabla as well as Kathak dance associated with Lucknow in Uttar Pradesh. In the field of Kathak dance, this gharana is known for dance in small Tukdas (pieces) with stress on beauty of body parts. In the field of tabla, this gharana is characterized by the full usage of the palm besides the fingers, resonant sounds, and the use of ring and little fingers on the Dayan.

49. (4) The first Central Detective Training School was opened at Calcutta (now Kolkata) in West Bengal in 1956. It is located in Kolkata along with the Central Forensic Science Laboratory, and the Central Finger Print Bureau. This Institute is the oldest of the 5 (five) Central Detective Training Schools, located at Kolkata, Chandi-garh, Hyderabad, Ghaziabad & Jaipur.
50. (4) Cybercrime, or computer-oriented crime, is a crime that involves a computer and a network. The computer may have been used in the commission of a crime, or it may be the target. Sending pornographic mails, distorting social network and hacking are some of the common examples of cybercrimes.
51. (4) The Chipko movement was started by Sundarlal Bahuguna in Tehri-Garhwal district of Uttaranchal in 1973 against ruthless felling of trees and destruction of forests by contractors. The main objective of this movement was to ensure an ecological balance and the survival of the tribal people whose economic activities revolved around these forests.
52. (3) The acronym RPF stands for Railway Protection Force. It is a security force, established by the Railway Protection Force Act, 1957 for "the better protection and security of railway property and passenger area". The force is under the authority of the Indian Ministry of Railways.
53. (4) The Sun Temple at Konark in Odisha was built by king Narasimhadeva I of Eastern Ganga Dynasty around 1250 A.D. The temple was sponsored by the king, and its construction was overseen by Siva Samantaraya Mahapatra. It was built near an old Surya temple. The temple is a UNESCO World Heritage Site and has also featured on various list of Seven Wonders of India.
54. (2) Pneumonia is usually caused by infection with viruses or bacteria, and less commonly by other microorganisms. It is an inflammatory condition of the lung primarily affecting the small air sacs known as alveoli.
"Influenza, commonly called "the flu," is an illness caused by RNA viruses (Orthomyxoviridae family) that infect the respiratory tract.
"Smallpox is an ancient disease caused by the variola virus.
"The common cold is an upper respiratory tract infection caused by different viruses.
55. (4) Sahyadri Tiger Reserve is a reserve in Maharashtra. It is located in the Sahyadri Ranges of the Western Ghats of Maharashtra. These ranges form a common boundary between Maharashtra, Karnataka and Goa. The reserve spreads over Koyna Wildlife Sanctuary forming the northern portion and Chandoli National Park forming the southern part of the reserve.
56. (4) Dolu Kunitha is a popular folk dance of Karnataka performed on the beats of drum
- The song on which this dance is based generally features religious, war-related, bravery-related themes
 - In this dance the drums are draped in colourful clothes which the male dancers hang on their necks.
 - The major focus in this dance is on the foot work and steps and their balanced and synchronic movements.
57. (1) Mohenjo-daro is situated on the Bank of river Indus in Larkana district of Sindh in Pakistan. Built around 2500 BC, it was one of the largest settlements of the ancient Indus Valley Civilisation. It was one of the world's earliest major cities, contemporaneous with the civilizations of ancient Egypt, Mesopotamia, Minoan Crete, and Norte Chico.
58. (1) The book based on the life of Indian origin American Space Scientist Kalpana Chawla has been written by her husband Jean ierre Harrison. The book titled "Edge of Time" was released at Punjab Engineering College University of Technology. Kalpana Chawla of Indian origin died in the Columbia Space Shuttle accident.
59. (1) For the purpose of maintaining law and order in the state, the state of Uttar Pradesh is divided into 8 police zones. Sant Kabir Nagar district comes under the Gorakhpur Police Zone. The other districts that come under the Gorakhpur Police Zone are: Basti, Siddharth Nagar, Gonda, Balrampur, Shravasti and Bahraich.
60. (3) In the Indian Constitution under article 23-24, known as Right against Exploitation, there is a prohibition against Child labour for children under the age of 14. They cannot be employed in factories, mines, and other dangerous works.
61. (1) The Indian Agricultural Research Institute (IARI), commonly known as the Pusa Institute, is headquartered at Delhi. The institute was established in 1905 at Pusa, Bihar, and was then known as the Imperial Institute of Agricultural Research. It was relocated to Delhi in 1936. The current institute in Delhi is financed and administered by the Indian Council of Agricultural Research.
62. (4) Fine Balance is the second novel by Rohinton Mistry. It is set in "an unidentified city" in India, initially in 1975 and later in 1984 during the turmoil of The Emergency. First published by McClelland and Stewart in 1995, it won the 1995 Giller Prize. It was short-listed for the Booker Prize in 1996.

- 63.** (3) Assam Rifles came into being in 1835, as a militia called the 'Cachar Levy'. It was formed to primarily protect British Tea estates and their settlements against tribal raids. Subsequently, it was re-organised and renamed as the 'Frontier Force' as its role was increased to conduct punitive expeditions across the borders. In 1917, the name of the force was changed to 'Assam Rifles'.
- 64.** (3) The President of India, on 28 September 1993, promulgated the protection of human rights Ordinance 1993 under article 123 of the Constitution of India. It led to the passage of Protection of Human Rights Act 1993. The National Human Rights Commission was formed under this Act.
- 65.** (3) There are nine Core Groups under the National Human Rights Commission that offer their advice and make recommendations to the NHRC on specific issues for consideration and directions. The core groups are:
- "Core Group on Children
 - "Core Group on NGOs and Human Rights Defenders in the NHRC
 - "Core Advisory Group on Bonded Labour in the NHRC
 - "Constitution of NHRC Core group on LGBTI issues
 - "Constitution of NHRC Core group on Business, Environment and Human Rights
 - "Constitution of NHRC Core group on Disability and Elderly Persons
 - "Constitution of NHRC Core group on Health and Mental Health
 - "Constitution of Core Group on Right to Food
 - "Constitution of Core Group on Women
- 66.** (1) The Great Rann of Kutch (or Rann of Kutch) is a salt marsh in the Thar Desert in the Kutch District of Gujarat. It is reputed to be one of the largest salt deserts in the world. It is divided into two main parts; Great Rann of Kutch and Little Rann of Kutch (East), which is famous as the world's last refuge of the Indian wild ass (ghudkhur in the local Gujarati language). Located in the Little Rann of Kutch, Indian Wild Ass Sanctuary is the largest wildlife sanctuary in India.
- 67.** (1) TMV stands for Tobacco Mosaic Virus. It is a positive-sense single-stranded RNA virus species in the genus *Tobamovirus* that infects a wide range of plants, especially tobacco and other members of the family Solanaceae. The infection causes characteristic patterns, such as "mosaic"-like mottling and discoloration on the leaves.
- 68.** (1) Tensions on the Indo-China border spiked to the highest since 1962 after over 20 troops, including an Indian commanding officer, were killed in the face-off in Galwan valley in June 2020. Soldiers - including the Commanding Officer of 16 Bihar regiment in charge of the area - died while a 'de-escalation process' was underway.
- 69.** (3) The Committee on Economic, Social and Cultural Rights is a United Nations body of 18 experts that usually meets twice per year in Geneva to consider the five-yearly reports submitted by UN member states on their compliance with the International Covenant on Economic, Social and Cultural Rights (ICESCR). Members are elected for a term of four years by States parties.
- 70.** (4) The Board of Revenue Uttar Pradesh at present is composed of a Chairman and two Members on administrative side and seven Members on the Judicial side. It is responsible for supervision and control of all Land Records, Settlement and Revenue matters, administrative and Judicial, in the State.
- 71.** (1) In order to use the right to franchise, the following qualifications are mandatory.
- Must be a citizen of India
 - Must have completed the age of 14.
 - Must not have been punished by a law of court for a crime of serious nature.
 - Must be mentally healthy.
- 72.** (1) The Embassy of India in Myanmar is located at Yangon. Yangon, also known as Rangoon, served as the capital of Myanmar until 2006, when the military government relocated the administrative functions to the purpose-built capital city of Naypyidaw.
- 73.** (2) World Brain Tumour Day is celebrated on June 8 every year to raise awareness among people about brain tumour. The "Deutsche Hirntumorhilfe e.V." (German Brain Tumor Association) started this international commemoration day in the year 2000 as a tribute to all brain tumour patients and their families.
- 74.** (3) CRPF stands for Central Reserve Police Force. It came into existence as Crown Representative's Police on 27 July 1939. It became the Central Reserve Police Force on enactment of the CRPF Act on 28 December 1949. It is India's largest Central Armed Police Force. It functions under the authority of the Ministry of Home Affairs of the Government of India.

75. (3) The Indian Navy undertook a Passage Exercise (PASSEX) with Royal Australian Navy (RAN) in the East Indian Ocean Region (IOR) from 23 to 24 September 2020. The exercise involved participation of HMAS Hobart from the Australian side and Indian Naval Ships Sahyadri and Karmuk.

76. (2) The general form of a linear equation in two variables is $ax + by + c = 0$ where a, b, c are real numbers and a and b are non-zero numbers

77. (*) Let length of train be x meter

According to question

$$\text{Speed of train} = \frac{x}{15.3}$$

Again, speed of train

$$= \frac{x + 196}{43.3}$$

$$\frac{x}{15.3} = \frac{x + 196}{43.3}$$

$$\Rightarrow 43.3x = 15.3x + 196 \times 15.3$$

$$\Rightarrow 43.3x - 15.3x = 196 \times 15.3$$

$$\Rightarrow 28x = 196 \times 15.3$$

$$\Rightarrow x = \frac{196 \times 15.3}{28}$$

$$x = 7 \times 15.3 = 107.1$$

$$\text{speed of train} = \frac{107.1}{15.3}$$

$$\frac{107.1}{15.3} \times \frac{18}{5} = 25.2 \text{ km/h}$$

78. (4) S.I. = $\frac{P \times R \times T}{100}$

$$= \frac{x \times 10 \times 4}{100} = \frac{4x}{10}$$

$$A = x + \frac{4x}{10} = A = \frac{14x}{10}$$

$$\Rightarrow \frac{14x}{10} = 21000$$

$$\Rightarrow x = \frac{21000 \times 10}{14} = 15000$$

$$\therefore x = \text{Rs. } 15000$$

79. (1)

$$M \rightarrow \times; D \rightarrow \div; A \rightarrow +; S \rightarrow -$$

$$25S72D12A1M6$$

$$= 25 - 72 \div 12 + 1 \times 6$$

$$= 25 - 72 \times \frac{1}{12} + 6$$

$$= 25 - 6 + 6 = 25$$

80. (2) The ratio of the areas of two similar triangles is equal to the square of the ratio of their corresponding sides

81. (2) Product of two numbers

$$= \text{HCF} \times \text{LCM}$$

$$\Rightarrow 864 = 12 \times \text{LCM}$$

$$\text{LCM} = \frac{864}{12} = 72$$

82. (3)

$$\frac{\sqrt{12}}{\sqrt{3}} = \frac{2\sqrt{3}}{\sqrt{3}} = 2$$

$$\frac{\sqrt{4}}{\sqrt{25}} = \frac{2}{5}$$

$$\frac{\sqrt{20}}{\sqrt{4}} = \frac{2\sqrt{5}}{2} = \sqrt{5}$$

$$\frac{\sqrt{63}}{\sqrt{28}} = \frac{3\sqrt{7}}{2\sqrt{7}} = \frac{3}{2}$$

$\therefore \frac{\sqrt{20}}{\sqrt{4}}$ is an irrational number

ber

83. (2)

$$\frac{0.0004}{x} = 0.002$$

$$\Rightarrow x = \frac{0.0004}{0.002}$$

$$= \frac{4}{10000} \times \frac{1000}{2} = \frac{2}{10} = 0.2$$

84. (2) Let number of total votes be x

According to question

$$57\% \text{ of } x - 43\% \text{ of } x = 6524$$

$$\Rightarrow \frac{57x}{100} - \frac{43x}{100} = 6524$$

$$57x - 43x = 6524 \times 100$$

$$14x = 6524 \times 100$$

$$\Rightarrow x = \frac{6524 \times 100}{14} = 46600$$

$$\text{Votes got by losing candidate} = 46600 \text{ of } 43\%$$

$$= \frac{46600 \times 43}{100} = 20038$$

85. (2) Average weight of students of both sections

$$= \frac{36 \times 40 + 44 \times 35}{36 + 44}$$

$$= \frac{1440 + 1540}{88} = \frac{2980}{88}$$

$$= 37.25 \text{ kg}$$

86. (2) Here 'Male : Female' relationship has been shown. Bull is male and cow is female. Similarly, stallion is a male horse while mare is a female horse.

87. (3)

$$N \text{ A T } \boxed{I} \text{ O N } \boxed{A} \boxed{L} \Rightarrow \text{L I O N}$$

88. (3) The numbers common to the circle A and circle C are 8 and 4.

Required sum

$$\Rightarrow 8 + 4 = 12$$

89. (2) Obviously, only argument II is strong. We cannot take risk of life only for fun and joy ride. Helmet is necessary for safe riding.

90. (3) Obviously, only assumption I is implicit in the statement. The use of smartphone for long duration may damage eyes and vision.

Therefore correct answer is A which is given in the option (3).

91. (3) In each subsequent figure, the right circle moves towards left overlapping one circle. Therefore, diagram (d) is the correct answer, which is given in the option (3).

92. (4)

$$101 - 11 = 90$$

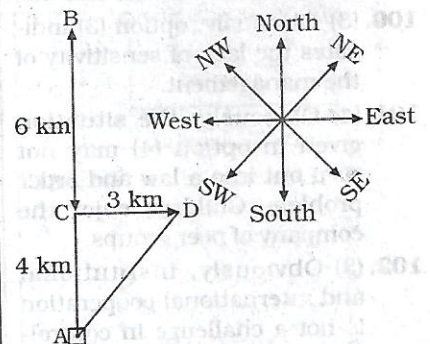
$$90 - 10 = 80$$

$$80 - 9 = \boxed{71}$$

$$71 - 8 = 63$$

$$63 - 7 = 56$$

93. (2)



$$AD = \sqrt{(AC)^2 + (CD)^2}$$

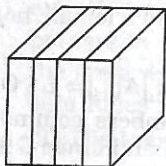
$$= \sqrt{(4)^2 + (3)^2}$$

$$= \sqrt{16+9}$$

$$= \sqrt{25} = 5 \text{ km}$$

Direction \Rightarrow North-East

94. (3)



It is clear from the diagram that three cuts would be required to make four cuboids from a cube.

95. (3) In India, the maintenance of public safety at district level is mainly the responsibility of the district administration.
96. (2) Obviously, option (2) is not the reason. It is not essential to eat in the restaurants of the hotel.
97. (3) Mohan hates any kind of change in his routine at work and at home. Therefore, he would resist any kind of change to his present role.
98. (4) According to the rule of law practiced in India, the ultimate power lies with the Constitution. The Constitution of India is the supreme law of India.
99. (3) Obviously, the public would not criticize the decision providing free advanced health care facilities to all the citizens.
100. (3) Obviously, option (3) indicates the lack of sensitivity of the management.
101. (4) Obviously, the situation given in option (4) may not turn out into a law and order problem. Children enjoy the company of peer groups.
102. (3) Obviously, institutional and international cooperation is not a challenge in controlling smuggling.

103. (2) Obviously, Paul is unlikely to exhibit the traits mentioned in the option (2).

104. (3) Obviously, the policy decision mentioned in the option (3) does not promote harmony among people.

105. (2) The traits of Shankar mentioned in the question statements indicate that the most suitable profession for him would be Audio and Video Technology.

106. (4) In ancient India, the conditions of women were not so good. They were treated as subordinate to men.

107. (1) Obviously, option (1) is the most appropriate answer. The use of term 'only' in the option (1) indicates some reservation and pre-occupied mental status.

108. (2) Most successful people learn from their mistakes.

109. (1) Obviously, the ban on export of onions may ensure sufficient local supply.

110. (2) Obviously, Central Universities are not law enforcing agencies.

111. (2)

$$\begin{array}{ccc} F & A & T \\ \downarrow & \downarrow & \downarrow \\ 6 & + & 1 & + & 20 = 27 \\ \Rightarrow \frac{27}{3} = 9 \end{array}$$

$$\begin{array}{ccc} R & A & T \\ \downarrow & \downarrow & \downarrow \\ 18 & + & 1 & + & 20 = 39 \\ \Rightarrow \frac{39}{3} = 13 \end{array}$$

Therefore,

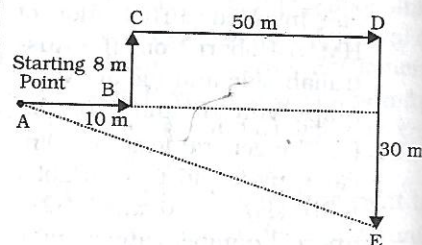
$$\begin{array}{ccc} M & A & P \\ \downarrow & \downarrow & \downarrow \\ 13 & + & 1 & + & 16 = 30 \\ \Rightarrow \frac{30}{3} = 10 \end{array}$$

112. (2) According to the brother of Alex, he married Babita on 16th or 17th April. After 16th means 17th April.

113. (1) Alka and Palak are sisters. Ritik is son of Palak.

Therefore, Alka is aunt of Ritik.

114. (3)



It is clear from the diagram that point E is to the South-East of point A.

115. (4) Except option (4), in all other options there are two symbols and a two-digit number. In option (4), there are two letters and a three digit number.

116. (4)

$$(1)^2 = 1; (1)^3 = 1$$

$$(8)^2 = 64; (4)^3 = 64$$

$$(27)^2 = 729; (9)^3 = 729$$

117. (1) Total value of the six positive integers = $63 \times 6 = 378$
Greatest integer would be = $378 - 5 = 373$

118. (4) Arrangement of words in a meaningful sequence:

4. Laptop
- ↓
3. Pen Tablet
- ↓
2. Drawing
- ↓
5. Design approval
- ↓

1. Mail to client

119. (3) 7th to the left of 3rd alphabet from the right means 10th alphabet from the right i.e. F.

120. (2) Yesterday was Sunday.

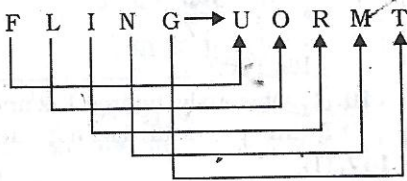
Today is Monday.

Tomorrow will be Tuesday.

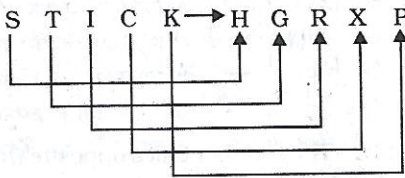
10 days after Tuesday, means Tuesday + 3 = Friday.

121. (2) Foreign exchange reserves:
 in 1993-94 = 4523 million USD
 in 1997-98 = 5040 million USD
 Required increase = (5040 - 4523) million USD
 = 517 Million USD

122. (2)



The code has been generated by taking opposite letters. Therefore,



123. (4)

$$17 : 401$$

$$17 \times (17 + 6) + 10$$

$$= 17 \times 23 + 10$$

$$= 391 + 10 = 401$$

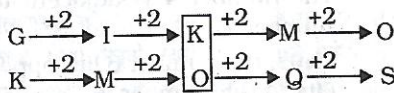
Similarly,

$$13 \times (13 + 6) + 10$$

$$13 \times 19 + 10$$

$$= 247 + 10 = 257$$

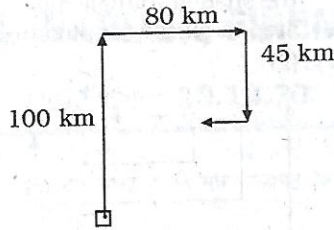
124. (2)



125. (2) Order of the given words in hierarchy:

3. Gram Panchayat
- ↓
5. Taluk Panchayat
- ↓
4. Zilla Panchayat
- ↓
2. High Court
- ↓
1. Supreme Court

126. (2)

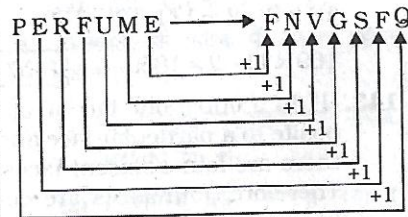


At the end, the bus is moving towards West.

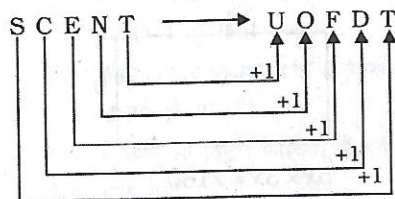
127. (4) Except '3K#M', in all other options, there are a two digit number, a symbol and a letter. In '3K#M', there are a digit, a letter, a symbol and another letter in the same order.

128. (3) In each subsequent figure, one side of the main design and one dot are deleted.

129. (1)



Therefore,



130. (3) In each subsequent figure, one curve is added in clockwise direction starting from the top position.

131. (3) Suppose, the number of men in the meeting = m
 Number of women in the meeting = w

According to the question

$$w^2 - m^2 = 40 \dots\dots\dots(i)$$

$$w = m + 4. \dots\dots\dots(ii)$$

Now,

$$(m + 4)^2 - m^2 = 40$$

$$[(m)^2 + 2 \times m \times 4 + (4)^2] - m^2 = 40$$

$$= m^2 + 8m + 16 - m^2 = 40$$

$$= 8m = 40 - 16$$

$$\therefore m = \frac{24}{8} = 3$$

Number of women = m + 4
 = 3 + 4 = 7

Total number of men and women in the meeting
 = 3 + 7 = 10

132. (4) Father of Vinay's sister is the only son of Sneha's paternal grandmother. Only son of Sneha's paternal grandmother means father of Sneha and Vinay. Thus Sneha is sister of Vinay. Therefore, sneha is aunt of daughter of Vinay, i.e. Pooja.

133. (1) Rani is 14th from the end of the queue.

Rani is 20th from the beginning of the queue.

Total number of students in the queue

$$= 14 + 20 - 1 = 33$$

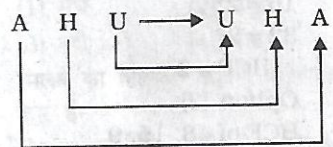
Rohit's position from the end of the queue = 33 - 9 + 1 = 25th

134. (4) Rani is 14th from the end of the queue.

Rani is 20th from the beginning of the queue.

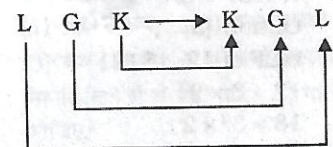
Total number of students in the queue = 14 + 20 - 1 = 33

135. (2)

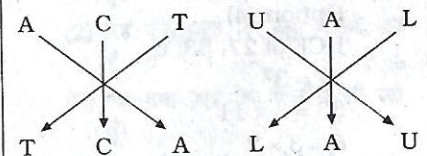


The letters have been written in the reverse order.

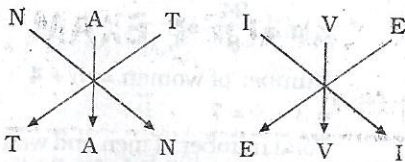
Similarly,



136. (4)



Similarly,



137. (4) Dolly > Chandra, Farah > Anand

Bharat > Dolly

Chandra > Farah

Bharat > Dolly > Chandra > Farah > Anand

It is clear that Farah is the second shortest person.

138. (1) From first figure to second figure, the line segment rotates through 90° clockwise. From second figure to third figure, the line segment rotates through 45° anticlockwise. Therefore, from third figure to fourth figure, the line segment would rotate through 90° clockwise.

139. (1) (36, 39, 45)

HCF of 36, 39 and 45

$$36 = 3^2 \times 2^2$$

$$39 = 3 \times 13$$

$$45 = 3^2 \times 5$$

$$\therefore \text{HCF} = 3$$

Option (1)

HCF of 24, 16, 32

$$24 = 2^3 \times 3$$

$$16 = 2^4$$

$$32 = 2^5$$

$$\therefore \text{HCF} = 2^3 = 8$$

Option (2)

HCF of 48, 15, 9

$$48 = 3 \times 4^2$$

$$15 = 3 \times 5$$

$$9 = 3^2$$

$$\therefore \text{HCF} = 3$$

Option (3)

HCF of 12, 18, 21

$$12 = 3 \times 2^2$$

$$18 = 3^2 \times 2$$

$$21 = 3 \times 7$$

$$\therefore \text{HCF} = 3$$

Option (4)

HCF of 27, 33, 6

$$27 = 3^3$$

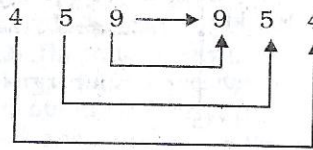
$$33 = 3 \times 11$$

$$6 = 3 \times 2$$

$$\therefore \text{HCF} = 3$$

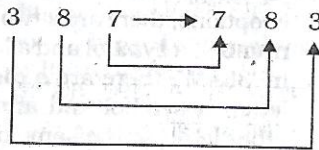
140. (1) In each subsequent figure, the shaded triangle moves one step in clockwise direction.

141. (2)



Reverse order of digits.

Similarly,



142. (1)

$$1 \times 3 - 2 = 3 - 2 = 1$$

$$1 \times 5 - 2 = 5 - 2 = 3$$

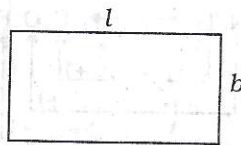
$$3 \times 7 - 2 = 21 - 2 = 19$$

$$19 \times 9 - 2 = 171 - 2 = 169$$

$$169 \times 11 - 2 = 1859 - 2 = 1857$$

143. (1) In a cube, one face is opposite to a particular face and there are four adjacent faces. Therefore, four faces are coloured with green colour.

144. (1)



$$5x \times 3x = 2160$$

$$= 15x^2 = 2160$$

$$= x^2 = \frac{2160}{15} = 144$$

$$\therefore x = \sqrt{144} = 12$$

$$\text{Length} = 5x = 5 \times 12 = 60 \text{ metre}$$

$$\text{Breadth} = 3x = 3 \times 12 = 36 \text{ metre}$$

145. (1) S.I.

$$= \frac{\text{Principal} \times \text{rate} \times \text{time}}{100}$$

Suppose, Mr Jojo invested Rs. x

According to the question,

$$\frac{x \times 5 \times 8}{100} + x = 1400$$

$$\Rightarrow \frac{2}{5}x + x = 1400$$

$$\Rightarrow \frac{2x + 5x}{5} = 1400$$

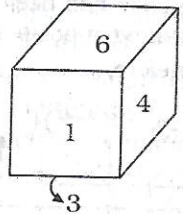
$$\Rightarrow 7x = 1400 \times 5$$

$$\Rightarrow x = \frac{1400 \times 5}{7}$$

= Rs. 1000

146. (1) Obviously, figures 1, 2 and 3 can be classified as a group.

147. (1)



The number 3 lies opposite the number 6.

The number 2 lies opposite the number 1.

The number 5 lies opposite the number 4.

Thus, there is no pair of odd numbers on opposite faces.

148. (4) The sum of the numbers on opposite faces are 8, 7 and 6.

The number 6 is adjacent to number 1.

The number 4 is adjacent to number 2.

Thus, the number 6 lies opposite to the number 2.

The number 1 lies opposite to the number 5.

The number 3 lies opposite to the number 4.

149. (3) Only figure 3 looks similar to the right half of the given pattern.

150. (3)

$$T \xrightarrow{-4} P; 4 - 1 = 3$$

$$P \xrightarrow{-6} J; 6 - 1 = 5$$

$$V \xrightarrow{-2} T; 2 - 1 = 1$$

But,

$$X \xrightarrow{-1} W; 1 - 1 = 0 \text{ (Not 3)}$$