

APPSC GROUP – 1

GENERAL STUDIES – 2004

HELD ON: 20-3-2004

1. What is Pyrodoxin?
1) Vitamin A 2) Vitamin C 3) Vitamin B₆ 4) Vitamin B₂
2. With what is non-stick kitchenware coated?
1) Graphite 2) Silicon 3) Glass 4) Teflon
3. Among mosquitoes, which of the following are blood-feeders, found throughout the world?
1) Culex and Anopheles 2) Anopheles and Aedes
3) Aedes and Culex 4) Culex, Anopheles and Aedes
4. Which of the following creatures are stone-deaf?
1) Snakes 2) Lizards 3) Parrots 4) Ants
5. The fingerprints of Siamese twins are
1) identical 2) not identical
3) identical more often 4) identical less often
6. Though their diet is higher in meat and fat and lower in fruit and vegetables, who of the following are known to be free from heart diseases like heart-attacks, unlike others in the world?
1) Eskimos 2) Pigmies 3) Nagas 4) Tartars
7. Which of the following is contagious?
1) Snoring 2) Gnashing 3) Yawning 4) Vomiting
8. If we make a table-fan rotate at a speed of 50 rpm and place it under an electric lamp, it would appear to be
1) stationary 2) rotating slowly forwards
3) rotating slowly backwards 4) rotating slowly, both forwards and backwards
9. Where is the Black Box fitted in planes?
1) In the cockpit 2) In the tail-end
3) In the left wing 4) In the right wing
10. Which of the following statements are not true about gold?
 - a. It is a soft metal
 - b. It has density; $2\frac{1}{2}$ times that of iron
 - c. Ornaments cannot be made of pure gold
 - d. Gold is not easily scratched
 - e. In 18 carat gold, we find 25 percent copper
 - f. One carat represents $\frac{100}{24}$ percent

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

11. After parboiling the nutritive value of rice
- 1) increases
 - 2) decreases
 - 3) neither increases nor decreases
 - 4) either increases or decreases
12. Bullet-proof vests are made from a fabric of
- 1) silicon nitrate and jute
 - 2) thickly mixed cotton and jute
 - 3) nylon
 - 4) copper and steel wires
13. Why do trees shed their leaves in the winter season?
- 1) To conserve heat
 - 2) To rest before the summer growth
 - 3) To conserve water
 - 4) To escape being eaten by animals
14. One of the parameters used to gauge the power of a computer is its
- 1) Bandwidth
 - 2) Datawidth
 - 3) Lanwidth
 - 4) Comwidth
15. A man of AB blood group has met with an accident and requires blood transfusion. Who among the following could donate blood to him?
- | <i>Relation</i> | <i>Blood group</i> |
|-----------------|--------------------|
| a. Wife | A |
| b. Son | AB |
| c. Friend | O |
| d. Daughter | B |
- 1) Only b (Son)
 - 2) b and d (Son and daughter)
 - 3) a, b and d (Wife, son and daughter)
 - 4) a, b, c and d (Wife, son, friend and daughter)
16. In which of the following atmospheric Condition can seeds to preserved best?
- 1) Cool and dry
 - 2) Cool and wet
 - 3) Hot and dry
 - 4) Hot and wet
17. If a colour-blind man is married to a normal-visioned woman whose parents also had normal vision, what proportion of their children is likely to be colour-blind?
- 1) Zero Percent
 - 2) 25 Percent
 - 3) 50 percent
 - 4) 100 Percent
18. We denote the time units taken by computer to execute instructions. Which of these time units is the smallest?
- 1) Nanosecond
 - 2) Microsecond
 - 3) Picosecond
 - 4) Second
19. An eggs inks in tap water, but floats in concentrated solution of salt, because
- 1) the egg absorbs salt from the solution and expands
 - 2) albumin dissolves in salt and the egg becomes lighter
 - 3) the density of the salt solution exceeds the density of the egg
 - 4) tap water has higher surface tension
20. Which of the following planets is similar to our Earth in mass, size and density?
- 1) Mars
 - 2) Venus
 - 3) Mercury
 - 4) Uranus

21. Who of the following are immune to measles?
- 1) One-year old infants
 - 2) Infants above seven months and below on year in age
 - 3) Children who are more than two years in age
 - 4) Infants below six months in age
22. Ammonia is a compound of
- 1) Nitrogen and hydrogen
 - 2) Hydrogen and oxygen
 - 3) Nitrogen and oxygen
 - 4) Nitrogen and sodium hydroxide
23. Which of the following is/are a source of Vitamin K?
- 1) Shark-liver oil
 - 2) Milk, seeds
 - 3) Green vegetables, tomatoes, carrots
 - 4) Nuts, eggs, liver of animals
24. Which of the following kinds of glass is used in the production of electric bulbs and optical instruments?
- 1) Hard Glass
 - 2) Flint glass
 - 3) Light Glass
 - 4) Pyrex glass
25. Identify the odd one:
- 1) Jaundice
 - 2) Typhoid
 - 3) T.B
 - 4) Pneumonia
26. The earliest Europeans to land on Indian soil were the
- 1) French
 - 2) Dutch
 - 3) Portuguese
 - 4) English
27. Arrange the following in chronological order
- a. The Bahamanis of Deccan
 - b. The Reddis of Kondaveedu
 - c. The Kakatiya of Warangal
 - d. The Rayas of Vijayanagara
 - e. The Gajapatis of Orissa
- 1) c, b, a, d, e
 - 2) b, a, c, e, d
 - 3) d, c, b, a, e
 - 4) c, b, d, a, e
28. Who of the following were the two sides that fought the Battle of Rakshahi-Thangadi which ended the glory of the Vijayanagar empire in 1565 A.D.?
- 1) Ramaraya and the Imadshahis of Berar
 - 2) The Adilshahis of Bijapur and Ramaraya
 - 3) Veeranasimha and the Nizamshahis of Ahmednagar
 - 4) Ramaraya and Nizam Shah of Ahmednagar
29. Ketana, a famous poet of the Kakatiya times, earned the title abhinava Dandi by rendering into Telugu the Sanskrit work titled
- 1) Prataparudra Yasobhushanam
 - 2) Dasakumaracharitam
 - 3) Nitisastramuktavali
 - 4) Panditaradya C aritram
30. Where did Goutama, The Buddha die?
- 1) Kusinagara
 - 2) Kapilavastu
 - 3) Saranath
 - 4) Gaya

31. Qutub-ud-Din Aibak the founder of the Slave Dynasty in India was originally a slave of
1) Mahmud Ghazni 2) Shams-ud-Din Iltumish
3) Mohammad Ghori 4) Ghyas-ud-Din Balban
32. As per the historic Uttaramerur Inscription, during whose period did village governments flourish in South India?
1) The Pandyas 2) The Pallavas 3) The Cheras 4) The Cholas
33. Who was the founder of the Radhaswami Satsang, a sect born out of Sikkim in 1851?
1) Dayal Das 2) Shiv Dayal Khatri
3) Ramtanu Lahiri 4) Baba Balak Singh
34. The British Governor-General who defeated Tipu Sultan and captured Mysore in the Fourth Anglo-Mysore War in 1799, was
1) Warren Hastings 2) Lord Cornwallis
3) Lord Wellesley 4) The Marquess of Hastings
35. Of the following newspapers published during the struggle for India's independence, which one was published in a vernacular Language?
1) Kesari 2) Mahratta
3) Bengalee 4) Anand Bazar Patrika
36. Identify the odd one
1) Wilson College, Bombay 2) Christian College, Madras
3) Noble College, Masulipatnam 4) Mayo College, Ajmer
37. Who of the following historical prominent Indian national leaders started the Brahminical magazine Brahman Sevadi to defend Hinduism against the Christian missionaries during the 19th century?
1) Raja Ramamohan Roy 2) Bankim Chandra Chatterjee
3) Debendranath Tagore 4) Vivekananda
38. Which of the following was the most important pre-Congress nationalist organization, founded in the year 1876 by S.N. Banerji and Ananda Mohan Bose?
1) Asiatic Society 2) Indian Association of Calcutta
3) British India Association 4) Bengal-British Indian Association
39. Which of the following does not constitute a part of the Shad-Darshanas (i.e. six orthodox schools of ancient Hindu Philosophy)?
1) Sankhya 2) Yoga 3) Smriti 4) Nyaya
40. The city of Harappa, where the ancient Harappan Civilization flourished, is located on the banks of the river
1) Jhelum 2) Chenab 3) Indus 4) Ravi
41. The British government conducted the first trial of the INA prisoners in the Red Fort, Delhi in November 1945. Who of the following was not in the dock at the trial?
1) P.K. Sehgal 2) Shahnawaz Khan
3) Gurubaksh Singh Dhillon 4) Ras Behari Bose
42. Among the several centres where Jainism flourished, which of the following developed into an important centre under Vajramuni, during the 1st and 2nd centuries A.D.?
1) Kausali 2) Rajagriha 3) Vaisali 4) Ujjain

43. The Governor-General of India, who proposed shifting the Indian capital from Calcutta to Delhi, was
1) Lord Hardinge-II 2) Lord Curzon 3) Lord Dufferin 4) Lansdowne
44. Three states which had not acceded to India by 15th August, 1947 were ruled by Princes, whose own religion was different from that of the majority of their subjects. Identify the odd one:
1) Junagadh 2) Kashmir 3) Bhopal 4) Hyderabad
45. Who of the following was the last king of the Qutub Shahi dynasty of Golkonda?
1) Abdullah Qutub Shah 2) Ibrahim Qutub Shah
3) Abul Hasan Tanisha 4) Mohammad Quli Qutub Shah
46. Identify the odd one
1) Saluva 2) Sangama 3) Tuluva 4) Vishnukundin
47. Who served as the Home Minister in the Interim government headed by Jawaharlal Nehru in 1946?
1) Mohammad Ali Jinnah 2) Sardar Vallabhbhai Patel
3) Liaquat Ali Khan 4) Kamaraj Nadar
48. Under Whose leadership were branches of the Home Rule Movement started in Andhra Pradesh?
1) Konda Venkatappaiah 2) Kompelle Krishna Rao
3) Kakani Venkataratnam 4) Gadicherla Harisarotham Rao
49. In which of the following sessions of the Indian National Congress did a Telugu man, Anandacharlu, Preside in 1891?
1) Nagpur Session 2) Kakinada Session
3) Meerut Session 4) Lucknow Session
50. The first Nizam of Hyderabad, who accepted Lord Wellesly's plan of Subsidiary Alliance in 1798, was
1) Osman Ali Khan 2) Nizam Ali Khan
3) Nizam-Ul-Mulk 4) Ibrahim Quli Qutub Shah
51. Which of the following seas is reported recently to be dying because of drying?
1) Caspian Sea 2) Red Sea 3) Dead Sea 4) South China Sea
52. On the report of the UN Environment Programme, the Government of India has launched a study to determine the extent of responsibility of countries for the occurrence of the "Asian Brown Cloud-(ABC)". Where is the ABC formed?
1) Over South Asia 2) Over South-East Asia
3) Over India's Southern Peninsula 4) Over the Central Asian region
53. The Kambalakonda Reserve Forest in A.P. has been declared by the Union Government a Wildlife Sanctuary. Where is it located?
1) In Visakhapatnam District 2) In Khammam District
3) In Warangal District 4) In Adilabad District
54. Which of the following is the mysterious place in the Western Atlantic, where a large number of planes and ships have vanished without trace since 1945?
1) Bering Strait 2) Bermuda Triangle
3) Canary Palms 4) San Miguel Bay

55. The mountain range lying between the Pamir plateau and the Indus river is
1) Daulagiri 2) Nangaparbat 3) Purvanchal 4) Karakoram
56. Match the following.
- | | |
|-------------------|----------------------|
| Grasslands | Continents |
| A. Steppes | i. North America |
| B. Prairies | ii. South America |
| C. Pampas | iii. Europe and Asia |
| D. Savanna | iv. Africa |
| | v. Australia |
- | | |
|----------------|----------------|
| A B C D | A B C D |
| 1) i ii v iv | 2) v iii i ii |
| 3) iii ii i iv | 4) v iv iii ii |
57. Which of the following countries has common borders with the largest number of countries?
1) Russia 2) France 3) Kenya 4) Zimbabwe
58. Which of the following planets has the Indian name 'Yama'?
1) Uranus 2) Pluto 3) Saturn 4) Neptune
59. Arrange the following cities in decreasing order of their population
A. Bangalore B. Ahmedabad C. Kanpur D. Delhi E. Kolkata
- | | | | |
|----------|----------|----------|----------|
| 1) EADBC | 2) DECAB | 3) EDABC | 4) EDACB |
|----------|----------|----------|----------|
60. Which of the following states has the Great Indian Hornbill, which is considered an endangered species, as its 'State bird'?
1) Meghalaya 2) Arunachal Pradesh 3) Nagaland 4) Manipur
61. Which of the following lakes is the deepest?
1) Baikal 2) Manasarovar 3) Superior 4) Victoria
62. Which of the following pairs of states experienced the highest rate of population growth (4.97) and the lowest (0.90) respectively, during 1991 – 2001 in India?
1) Tamil Nadu and Nagaland 2) Nagaland and Manipur
3) Kerala and Nagaland 4) Nagaland and Kerala
63. Which of the following pairs is wrongly matched?
1) Bushmen – Australia 2) Gaucho – Argentina
3) Maoris – New Zealand 4) Zambos – South Africa
64. Identify the odd one
1) Jhoom 2) Bewar 3) Masha 4) Bera
65. Which of the following countries does not produce pepper?
1) Malaysia 2) Singapore 3) India 4) Indonesia
66. What is the old name of Iraq?
1) Mesopotamia 2) Persia 3) Turkmenistan 4) Alexandria

67. Mount Everest is located in the
1) Middle Himalayas 2) Outer Himalayas
3) Central Himalayas 4) Lesser Himalayas
68. Which of the following is not a tributary of the river Narmada?
1) Dudhi 2) Purna 3) Banjar 4) Hiran
69. Which of the following National Highways runs between Pune and Vijayawada via Sholapur and Hyderabad?
1) NH – 6 2) NH – 7 3) NH – 8 4) NH – 9
70. In all, how many international airports are there in India?
1) 16 2) 14 3) 18 4) 12
71. Which of the following states is not a habitat of the Kuki tribe in India?
1) Manipur 2) Assam
3) Nagaland 4) Arunachal Pradesh
72. Which of the following cities experiences sunlight for the longest period during summer?
1) Mumbai 2) Srinagar 3) Chennai 4) Calcutta
73. Which of the following countries are separated by the 49th Parallel?
1) France and Germany 2) USA and Mexico 3) USA and Canada 4) USSR and China
74. India leads in the production of
1) meat 2) pork 3) butter and ghee 4) cheese
75. After Anantapur district, which is the next largest district in Andhra Pradesh, area wise?
1) Krishna 2) Guntur 3) Mahaboobnagar 4) Prakasam
76. Which of the following pairs is wrongly matched?
1) National Planning Committee – Indian National Congress
2) People's Plan – M.N. Roy
3) Gandhian Plan – Sriman Naryan
4) Bombay Plan – Rajaji
77. What is meant by 'Bank Rate'?
1) The rate at which commercial banks lend
2) The rate at which commercial banks accept deposits
3) The rate at which the Reserve Bank lends to the commercial banks
4) None of the above
78. For the Tenth Five Year Plan period, states have been grouped into A., B, C and D for financing of 'States' plan investments. In which group is the state of Andhra Pradesh included?
1) A 2) B 3) C 4) D
79. What was the sex ratio of Andhra Pradesh during 1991 – 2001?
1) 983 2) 933 3) 960 4) 978

80. Industrial Credit and Investment Corporation of India Ltd. (ICICI) was the second all-India special industrial financial institution to be set up in the country in 1955. Which was the first?
- 1) Industrial Development Bank of India (IDBI)
 - 2) Small Industries Development Bank of India (SIDBI)
 - 3) Industrial Finance Corporation of India (IFCI)
 - 4) National Small Industries Corporation Ltd. (NSIC)
81. Gems and Jeweller Constituted the highest share in India's exports during 2002 – 2003. Which of the following comes next during the said period?
- 1) Engineering goods
 - 2) Chemical and related products
 - 3) Ready-made garments
 - 4) Crude oil and petroleum products
82. India's FOREX reserves crossed a historic high, standing at \$ 110.48 billion as on December 19th, 2003. How low were our FOREX reserves in the first Half of 1991?
- 1) \$ 40 billion
 - 2) \$ 12 billion
 - 3) \$ 8.4 billion
 - 4) \$ 1.2 billion
83. As per the World Water Development Report, what is India's rank in water quality among the list of 122 countries?
- 1) 74
 - 2) 120
 - 3) 96
 - 4) 14
84. Which of the following states does not come under the jurisdiction of the Guwahati High Court?
- 1) Assam
 - 2) Tripura
 - 3) Manipur
 - 4) Sikkim
85. As per the Indian Constitution, in the Union Council of Ministers,
- 1) All the Ministers are equal
 - 2) Cabinet Ministers are superior to other Ministers
 - 3) Deputy Ministers are superior to Minister of State, but lower than Cabinet Ministers in rank
 - 4) Ministers without portfolios are the lowest in rank in the Council of Ministers
86. How many times has Governor's rule been clamped in Andhra Pradesh so far?
- 1) 4 times
 - 2) 5 times
 - 3) 3 times
 - 4) Twice
87. Including the two nominated members from the Anglo-Indian community, what is the total membership of the Lok Sabha at present?
- 1) 542
 - 2) 543
 - 3) 544
 - 4) 545
88. Which of the following famous cases, which came before the Supreme Court of India, is not related to the Right to Property?
- 1) A.K. Gopalan Vs the State of Kerala
 - 2) Golaknath Case
 - 3) Kesavananda Bharati Case
 - 4) Minerva Mills Case
89. Which of the following states does not have a Legislative Council?
- 1) Maharashtra
 - 2) Rajasthan
 - 3) Karnataka
 - 4) Kerala
90. If the President of India wishes to resign from the post, to whom does he submit his letter of resignation?
- 1) The Chief Justice of the Supreme Court
 - 2) The Prime Minister
 - 3) The Vice-President
 - 4) The Speaker of the Lok Sabha

91. From which of the following sources can the Government of India draw money to meet unforeseen expenditure, additional and excess grants pending authorisation?
- 1) Consolidated Fund of India
 - 2) Public Account of India
 - 3) Reserve Bank of India
 - 4) Contingency Fund of India
92. Which of the following statements regarding the members of the State Public Service Commissions is true?
- 1) They are appointed by the President of India and can be removed by him
 - 2) They are appointed by the Governor and can be removed by him
 - 3) They are appointed by the President and can be removed by the Governor
 - 4) They are appointed by the Governor and can only be removed by the President
93. As per the succession of Prime Ministers in India, which order among the following, is correct?
- a) Indira Gandhi
 - b) Rajiv Gandhi
 - c) charan Singh
 - d) Morarji Desai
 - e) Chandrashekhar
 - f) Gulzari Lal Nanda
- 1) f, a, d, c, b, e
 - 2) f, d, b, e, a, c
 - 3) f, b, d, e, c, a
 - 4) d, a, b, c, f, e
94. Zonal Councils have been established by the State Reorganisation Act, 1956 dividing the country into five zones. In which zone is Sikkim included?
- 1) Central zone
 - 2) Northern zone
 - 3) Eastern zone
 - 4) Western zone
95. The Government of India appointed the Official Language Commission in 1955. Who was the Chairman of the Commission?
- 1) B.G.Kher
 - 2) Gopaldaswamy Iyyangar
 - 3) Dr. Zakir Hussain
 - 4) Fazal Ali
96. The National Rural Employment Programme and the Rural Landless Employment Guarantee Programme were launched during the
- 1) 5th Plan period
 - 2) 6th Plan period
 - 3) 7th Plan period
 - 4) 9th Plan period
97. As regards Local Self-Government Institutions, the 73rd and 74th Constitutional Amendment Acts relating to them are not applicable in the states of
- 1) Goa, Jammu and Kashmir, Pondicherry
 - 2) Delhi, Goa, Mizoram, Meghalaya
 - 3) Methalaya, Delhi, Nagaland
 - 4) Sikkim, Assam, Mizoram
98. What is the current investment limit in Small Scale Industry?
- 1) Rs.20 lakhs
 - 2) Rs.60 lakhs
 - 3) Rs.100 lakhs
 - 4) Rs.300 lakhs
99. 100% Foreign Direct Investment is permitted in
- 1) Export Processing Zones
 - 2) Special Economic Zones
 - 3) Industrial Areas
 - 4) Industrial Estates
100. Which of the following is levied and collected by the Centre, but assigned to the States?
- 1) Customs Duties
 - 2) Stamp Duty
 - 3) Income Tax
 - 4) Taxes on Railway fares
101. Which of the following items has been taken out of the list of essential commodities, by a recent judgement of the Supreme Court of India, on the ground that it does not come under the 'food' category?
- 1) Cooking oil
 - 2) Tea
 - 3) Coffee
 - 4) Mineral water

108. Boyi Bheemanna was presented the Jashuva Foundation's prestigious Jashuva Sahitya Puraskaram" on December 16th, 2003. Who of the following Telugu poets got it earlier?
- 1) Dr. C.Narayana Reddy
 - 2) Nagnamuni
 - 3) K.Siva Reddy
 - 4) None the above
109. Karan Thapar won the Best Current Affairs Presenter Award of the prestigious Asian Television Awards – 2003 at a grand ceremony in Singapore on December 7th, 2003. What are the programme and the episode for which he won this award?
- 1) 'Court Martial'/ Interview with Pakistan's Foreign Minister, Khurshid Kasuri
 - 2) 'Spotlight'/ Interview with Vladimir Putin
 - 3) 'Face to face'/ Interview with Radha, Raja and Kousalya Reddys
 - 4) 'Point Blank'/ Interview with the Kathak dancer, Sonal Mansingh
110. The name of the world's fastest cruise missile Brah Mos has been coined by taking
- 1) Brahma, the God of creation in Indian mythology and Moses, the Biblical prophet
 - 2) The Indian river, Brahmaputra and the Russian river, Moskva
 - 3) Brahma, the Indian God and the Russian river, Moskva
 - 4) The river, Brahmaputra and Moses, the Biblical prophet
111. The Bollywood actor, Dev Anand, was chosen for the Dada Saheb Phalke Award for the year 2003 recently. Which of the following is his last film, which flopped miserably?
- 1) Love in Times Square
 - 2) Beauty Queen
 - 3) Rockfort Express
 - 4) Nandini
112. Who authored the Preamble of the proposed Constitution of the European Union?
- 1) Cardinal Dubois
 - 2) Jacques Chirac
 - 3) Maurice Druon
 - 4) Valery Giscard D'Estating
113. Which of the following groups of countries decided recently to construct/ upgrade the 1360 km Moreh–Bagan–Mae Sot Highway, work on which will begin early in 2004?
- 1) China, Bhutan, India
 - 2) India, Myanmar, Thailand
 - 3) Myanmar, Cambodia, India
 - 4) India, China, Myanmar
114. Whom did Time magazine choose recently as its Person of the Year for 2003?
- 1) The American Soldier
 - 2) The Google Guys
 - 3) Jiang Yanyong (Chineses SARS Whistle–blower)
 - 4) Dick Grasso
115. Who of the following has been described by 'UNICEF' Report, The State of the World's Children: 2004, as the role model and featured on the cover of the report which was released on December 11th, 2003 in New Delhi?
- 1) Lalitakumari
 - 2) Shyamala Ben
 - 3) Maria Calivis
 - 4) Nandita Das

116. On December 11th, 2003, France's high-flown committee of lexicographers, the Academie Francaise, made the former French President. Which of the following statements are untrue about the Academic Francaise?
- It was founded in 1635 A.D.
 - It was founded by Cardinal Richelieu
 - It was founded by King Louis XIII
 - It guards the French language from anglicization
 - Its latest Frenchified word for 'e-mail' is 'Fe-mail'
 - Its member's average age is late 70s.
 - Its members are called 'Immortals'
 - It has made D'Estaing member in the vacancy of the late Poet-President of French Guiana, Leopold Sedar Senghor
- 1) a, c, d 2) c, e, h 3) a, f, h 4) b, f, g
117. Who, among the following, is not a recipient of the Cyber Oscar Award presented on December 10th, 2003 in Geneva during the World Summit on the Information Society?
- Marcia de Toni
 - Ansbert Ngurumo
 - Anand Parthasarathy
 - Mwananchi Wiki-Hii
118. Which of the following Bollywood films recently became the world's first feature film to be offered for download from the popular net www.kazam.com at a cost of \$ 2.99?
- Kal Ho Na Ho
 - Supari
 - The Legend of Bhagat Singh
 - Fire
119. After 31 years of glorious service to the nation, the last of the Petya class warships, INS Anjadip, was decommissioned ceremoniously on December 13th, 2003 at the Visakhapatnam naval base. Who was its last Commanding Officer?
- Siddhartha Panda
 - O.P. Bansal
 - R.K. Sharma
 - Goutam Patnayak
120. Where did the Biswa Ijtema or World Muslim congregation, believed to be the largest Muslim gathering after the Haj of Mecca, take place during December 2003, where three million devotees from 70 countries participated?
- Tongi in Bangladesh
 - Kuala Lumpur in Malaysia
 - Djakarta in Indonesia
 - Java
121. The world's first hydrogen fuel cell car reached Sydney on December 27th, 2003. Which of the following statements are true about the car?
- It was designed, built and run by the students of Tamagawa University of Tokyo.
 - It is named after the Biblical Gods of Sun and Water.
 - Its name is Isaac Moses.
 - It completed the world's first continental crossing by completing a 4084 km run in less than nine days.
 - Its name is Apollondine.
 - It was designed and built by the students of Tokugawa University, but run by the students of University of Perth.
- 1) a, d, e 2) a, b, f 3) c, d, f 4) b, c, d

122. Twice did the Pakistan President, Pervez Musharraf, escape bids on his life, – first on December 14th, 2003 and next on December 25th, 2003 – in the same city in Pakistan. Which is that city?
1) Karachi 2) Rawalpindi 3) Islamabad 4) Lahore
123. Beagle–2, surface probe of Mars, was successfully launched under the aegis of the European Space Agency on December 19th, 2003, Which country built Beagle–2?
1) Britain 2) France 3) Sweden 4) Norway
124. Maumoon Abdul Gayoom, the longest–serving Head of State in Asia, started his five–year term as President of Maldives on November 11th, 2003. How many terms had he served as the President of Maldives earlier?
1) 3 times 2) 4 times 3) 5 times 4) 6 times
125. The list of languages proposed to be included in the Eighth Schedule of the Indian Constitution does not contain.
1) Bodo 2) Santhali 3) Dogri 4) Bhojpuri

Directions for Questions 126 to 129: Refer to the data below and answer the questions that follow:

The new television remote of the BPL television set has some unusual features. The T + 2 button takes you to the channel which is two channels ahead of the current one (i.e. channel 1 to channel 3). The PP button takes you back to the channel which you switched on before the current one. The PR button takes you to the channel which is a prime numbered channel just ahead of the current channel. And, last but not the least, the MAG button instantaneously takes you to your favourite channel. Amit has made Star Plus (Channel no. 17) as the Magic channel (favourite).

(Use the additional data from the questions).

126. If his T.V. is on Star Plus and he presses T + 2, PR, PR and PP to come to Zee, then on which channel is Zee located?
1) 19 2) 23 3) 25 4) 29
127. If the current channel is Zee and Amit presses T + 2, PR, PP and T + 2, then he will arrive on Channel number?
1) 27 2) 25 3) 29 4) 31
128. If the current channel Star Plus, how can he reach Channel no. 25?
1) T + 2, PR, T + 2 2) PR, PP 3) T + 2, T + 2, PR 4) None of the above
129. If the Star Sports channel is Channel no. 30, then how many channels are there between Zee and Star Sports?
1) 5 2) 6 3) 7 4) None of the above
130. In a certain code language, EMPHASIS is written as NDIQBRJR, How do you write CREATURE in that code?
1) SBBDTUSD 2) QBBDTUSD 3) DSDBSTSP 4) SBDBUTDS

Directions for Question Nos. 131 and 132: Read the following and find the answers:

Miss Lily has four purses. In one of the purses she keeps five–rupee notes; in the second, ten–rupee notes; in the third, twenty–rupee notes; and, in the fourth, fifty rupees notes. In all, she has 78 notes and total amount is Rs.1500.

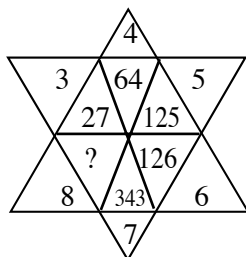
131. If the twenty–rupee notes were 6 less than the ten–rupee notes and the five–rupee notes were 4 more than the fifty–rupee notes, how many five–rupee notes did she have?
1) 12 2) 32 3) 25 4) 20

132. If starting from the highest, she took out one note from it and then went on taking double the number of notes from each purse as compared to the previous one, how much money would she take out?
 1) Rs. 170 2) Rs. 185 3) Rs. 210 4) Rs. 310

Directions for question nos. 133 to 137: The questions are based on the series of symbols, letters and numbers given below:

Δ 4 N Z 5 R \square E 6 H 9 \square 7 K D Δ G \square 2 P Q Δ M 3 T \square C 8

133. How many letters in the series are preceded by a symbol and followed by a number?
 1) 1 2) 2 3) 3 4) 4
134. If the letters in the series are arranged in alphabetical order, how many letters will remain at their place as such?
 1) 2 2) 3 3) 4 4) 5
135. How many symbols have either letters or numbers on both the sides?
 1) 5 2) 4 3) 3 4) 2
136. Identify the odd one
 1) 4Z5 2) \square EH 3) \square 7K 4) \square MT
137. Which of the following is different from the others?
 1) C8T3 2) \square ER5 3) G \square DK 4) \square 7H6
138. Find out the pair of numbers that does not belong to the group for lack of common property
 1) 34 – 43 2) 62 – 71 3) 55 – 62 4) 83 – 92
139. If $8 \times 9 = 2724$,
 $4 \times 2 = 612$ and
 $7 \times 3 = 921$, then $6 \times 8 = ?$
 1) 1224 2) 2418 3) 1824 4) 1215
140. The population of a town was 20,000 in 1944, It decreased by 10 percent during 1944 – 1954 but increased by 20 percent during 1954 – 1964. What was the population like in 1964?
 1) 24,600 2) 22,000 3) 20,800 4) 21,600
141. A party consists of grand–mother, father, mother, four sons and their wives, and one son and two daughters to each of the sons. How many females are there in all?
 1) 14 2) 16 3) 12 4) 24
142. How many independent words can HEARTLESS be divided into without changing the order of the letters and using each letter only once?
 1) 2 2) 3 3) 4 4) 5
143. Find the missing number



- 1) 64
 2) 16
 3) 512
 4) 24

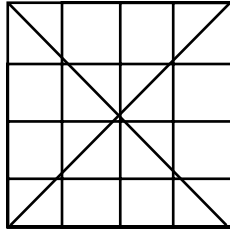
144. How many triangles does the following figure have?

1) 48

2) 44

3) 40

4) 36



145. Six plays A, B, C, D E and F are to be staged, one on each day from Monday to Saturday. The staging of these plays has to follow the following pattern:

i. A must be staged a day before E.

ii. C must not be staged on Tuesday.

iii. B must be staged on the day following the day on which F is staged.

iv. D must be staged on Friday only and should not be immediately preceded by B.

v. E must not be staged on the last day of the schedule.

Now, which play immediately follows B?

1) C

2) D

3) E

4) A

146. A coin is flipped four times with one of the following results in terms of occurrence of head (H) or tail (T)

a. HTTH

b. TTTT

c. HHHH

d. HHTH

Based on the above information what would be the probability of (H) occurring on the fifth flip?

1) 100 %

2) 50 %

3) 25 %

4) 0 %

147. In one minutes, $\frac{3}{7}$ of a bucket is filled. The rest of the bucket can be filled in

1) $\frac{7}{3}$ minutes

2) 21 minutes

3) $\frac{4}{3}$ minutes

4) 2 minutes

148. A child was born on August 18, 1978. It was Tuesday. What day will be his birthday in the year 1986?

1) Monday

2) Thursday

3) Saturday

4) None of the above

149. If Venus is brighter than Mercury, Mercury is not brighter than Jupiter, Jupiter is brighter than Venus but not brighter than Pluto, then which of these is the brightest?

1) Jupiter

2) Mercury

3) Venus

4) Pluto

150. If $X = -3$, then $X^3 - 3X^2 - 2X - 1$ is equal to

1) - 1

2) 5

3) 10

4) - 15

(Note: Correct Answers is 49)

ANSWERS

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