



**62013**

ROLL No.

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TEST BOOKLET No.

**111**

**APTITUDE TEST FOR MIP., Ph.D. AND LL.M., Ph.D.**

Time: 3 Hours

Maximum Marks: 450

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**INSTRUCTIONS TO CANDIDATES**

- 1) You are provided with a Test Booklet and an Optical Mark Reader (OMR) Answer Sheet to mark your responses. Do not soil the Answer Sheet. Read carefully all the instructions given on the Answer Sheet
  - 2) Write your Roll Number in the space provided on the top of this page.
  - 3) Also write your Roll Number, Test Code, and Test Subject in the columns provided for the same on the Answer Sheet. Darken the appropriate bubbles with a Ball Point Pen.
  - 4) The paper consists of 150 objective type questions. All questions carry equal marks
  - 5) Each question has four alternative responses marked A, B, C and D and you have to darken the bubble fully by a Ball Point Pen corresponding to the correct response as indicated in the example shown on the Answer Sheet.
  - 6) Each correct answer carries 3 marks and each wrong answer carries 1 minus mark.
  - 7) Space for rough work is provided at the end of this Test Booklet.
  - 8) You should return the Answer Sheet to the Invigilator before you leave the examination hall. However, you can retain the Test Booklet.
  - 9) Every precaution has been taken to avoid errors in the Test Booklet. In the event of any such unforeseen happenings, the same may be brought to the notice of the Observer/Chief Superintendent in writing. Suitable remedial measures will be taken at the time of evaluation, if necessary.
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**Direction (Q. Nos. 12 – 14):** Choose the word nearest in meaning to the given word.

12. luminous

- |             |            |
|-------------|------------|
| (A) big     | (B) lazy   |
| (C) fertile | (D) bright |

13. illustrious

- |               |               |
|---------------|---------------|
| (A) pictorial | (B) exemplary |
| (C) famous    | (D) dangerous |

14. makeshift

- |                |               |
|----------------|---------------|
| (A) buried     | (B) remade    |
| (C) improvised | (D) displaced |

**Direction (Q. Nos. 15 – 24):** Given hereunder is a letter from the Director of Admissions, Indian Institute of Space Science and Technology, Vikram Sarabhai Space Centre, to all those who applied for the ISAT-2010. There are ten blanks in the letter, each followed by four options given within brackets. Choose the most appropriate option from among the four options given.

15. Dear

- |               |                |
|---------------|----------------|
| (A) Applicant | (B) Student    |
| (C) Entrant   | (D) Competitor |

16. The All-India Entrance Test for admission .....

- |           |        |
|-----------|--------|
| (A) for   | (B) in |
| (C) under | (D) to |

17. the B.Tech. programmes in IIST will be conducted on 16 April 2010. The test will consist

- |         |         |
|---------|---------|
| (A) off | (B) in  |
| (C) of  | (D) for |



18. two Papers of two hours'
- (A) timing (B) duration  
(C) long (D) period
19. each. Paper I will be administered from 10 AM to 12 NOON and Paper II from 2 PM to 4 PM. The question papers will carry equal
- (A) samples (B) amount  
(C) quantity (D) number
20. of questions on Physics, Chemistry and Mathematics. Your ISAT 2010 Number and the Examination Centre allotted to you are given
- (A) under (B) at  
(C) on (D) in
21. the bottom of this letter. Before
- (A) entering (B) admitting  
(C) going (D) reaching
22. to the Examination Centre, you must
- (A) verify (B) ask  
(C) discover (D) question
23. that your required documents, sent by you by post, have
- (A) entered (B) arrived  
(C) reached (D) received
24. this office. Please bring the Postal Acknowledgement Card as proof of having sent them. .... truly,
- (A) Your's (B) Your  
(C) Yours' (D) Yours



**Direction (Q. Nos. 25 – 30):** Given hereunder is a letter from the Ministry of Human Resource Development, Government of India, to the Registrars of all Indian Universities / Institutes of Higher Education. There are ten blanks in the letter, each followed by four options given within brackets. Choose the most appropriate option from among the four options given.

Sir /Madam,

The Ministry of HRD, Government of India, as part of its endeavour to ....(Q.No.25).... scientific research among university students, has ... (Q.No.26)..... a Young Scientists Fellowship Scheme to be .....(Q.No.27)..... from 2010-11 onwards in all Indian Universities / Institutes of Higher Education. The Scheme is ....(Q.No.28)..... to all Master's students in Science. The award will be .....(Q.No.29)..... on a Common Qualifying Examination to be conducted on the first Sunday in the month of May every year in about 150 Centres all over India. Students of final Year B.Sc. programmes in any recognised College / University in India are .....(Q.No.30)..... to take the examination.

- |     |               |                 |
|-----|---------------|-----------------|
| 25. | (A) project   | (B) protect     |
|     | (C) promote   | (D) predict     |
| 26. | (A) pushed    | (B) landed      |
|     | (C) lavished  | (D) launched    |
| 27. | (A) implanted | (B) implemented |
|     | (C) entered   | (D) installed   |
| 28. | (A) welcome   | (B) ordered     |
|     | (C) open      | (D) arranged    |
| 29. | (A) based     | (B) built       |
|     | (C) posted    | (D) founded     |



30. (A) legible (B) endowed  
(C) eligible (D) available

**Direction (Q. Nos. 31 – 40):** Given hereunder is an excerpt from the essay “The Value of Wireless” by T.C. Bridges and H.H. Tiltman. There are ten blanks in the passage, each followed by four options given within brackets. Choose the most appropriate option from among the four options given.

In 1900 a few of the steamship companies were already beginning to .....(Q.No.31)..... wireless in their vessels, and one ship so .....(Q.No.32)..... was the Royal Belgian steamer *Princess Clementine*. On January, 1901, this steamship saw the barque *Medora*, of Stockholm, hard and fast on the Ratel Bank, and being herself unable to help sent a wireless message to La Panne, on the Belgian coast. La Panne .....(Q.No.33)..... with Ostend and within an hour a tug was on its way; it succeeded in saving the *Medora* from her ....(Q.No.34) position. A few hours' delay, and the *Medora* would have been a hopeless wreck.

As we have already mentioned, passenger-carrying ships were beginning to install wireless as early as the year 1900, and before long things began to happen which proved the enormous value of the new .....(Q.No.35)..... We have spoken of the ....(Q.No.36)..... of the *Medora* through the use of wireless. A little later the captain of a big .....(Q.No.37)..... on its way to America became aware that he had .....(Q.No.38)..... a gang card-sharpers who were swindling passengers. As he approached New York he sent a wireless message to the authorities. Detectives came out by tug and met the ship, the members of the gang were .....(Q.No.39)....., and to their .....(Q.No.40)..... disgust found themselves arrested and presently sentenced to long terms of imprisonment.



31. (A) inter (B) invade  
(C) install (D) insert
32. (A) equipped (B) inserted  
(C) ensured (D) entered
33. (A) commissioned (B) commiserated  
(C) communioned (D) communicated
34. (A) pretended (B) perilous  
(C) pertinent (D) precious
35. (A) invention (B) inventory  
(C) inquiry (D) invasion
36. (A) revision (B) rescue  
(C) reuse (D) reversion
37. (A) lighter (B) linear  
(C) lineman (D) liner
38. (A) boarded (B) abroad  
(C) aboard (D) outboard
39. (A) recognised (B) realises  
(C) revised (D) reviewed
40. (A) inverted (B) intense  
(C) intended (D) inducted
41. The Indian research station Himadri is located at  
(A) Siachen (B) Darjeeling  
(C) Antarctica (D) Arctic Region
42. Which one among the following Vitamins is necessary for blood clotting?  
(A) Vitamin D (B) Vitamin A  
(C) Vitamin K (D) Vitamin C



43. The World Anti-Leprosy Day is observed on
- (A) January 29 (B) January 30  
(C) January 28 (D) January 31
44. Recently, the U.S. President lifted ban on import from
- (A) Myanmar (B) Pakistan  
(C) India (D) Nepal
45. Which High Court of India started e-Court fee system in its premises?
- (A) Kolkata High Court (B) Delhi High Court  
(C) Jabalpur High Court (D) Bombay High Court
46. As per "The Protection of Children from Sexual Offences Act, 2012", a child is defined as
- (A) a girl under the age of 14 years  
(B) a boy under the age of 14 years  
(C) a person under the age of 18 years  
(D) a person under the age of 20 years
47. Who is the new Prime Minister of Libya?
- (A) Ali Ahmad (B) Hoshni Mubarak  
(C) Tony Tan (D) Ali Zidan
48. Name the Australian cricket player who was recently inducted into the ICC hall of the fame.
- (A) Ricky Ponting (B) Glen Mac Grath  
(C) Damien Martin (D) Brett Lee
49. Which State Government set up 25 fast track courts to deal with crime against women?
- (A) Maharashtra (B) Delhi  
(C) Madhya Pradesh (D) Uthar Pradesh



50. Which one of the following launched first educational tablet PC?
- (A) Aakash (B) Alphabetics Computer  
(C) HP (D) IBM
51. The Constituent Assembly adopted National Anthem for the first time in India in
- (A) 1924 (B) 1928  
(C) 1950 (D) 1952
52. Kapili is a tributary river of
- (A) Gandak (B) Kosi  
(C) Ganga (D) Brahmaputra
53. What is the name of the strait where 'Adams Bridge' is situated?
- (A) Bering Strait (B) Cook Strait  
(C) Palk Strait (D) Taowan Strait
54. Which water body separates Australia from New Zealand?
- (A) Cook Straits (B) Megellan  
(C) Tasman Sea (D) Great Barrier Reef
55. Who among the following is the author of the book 'Economic Nightmare of India'?
- (A) Moratji Desai (B) K. Rajeshwar Rao  
(C) Charan Singh (D) Jyoti Basu
56. To which one of the following cancer drugs did India grant its first compulsory licence?
- (A) Nexavar (B) Nelofer  
(C) Abraxane (D) Nicolette



57. In respect of remedies of infringement of patent, which one of the following statements is incorrect?
- (A) Damages or an account of profits are not available in the event that defendant proves that he was not aware and had no reasonable grounds for supposing that patent existed.
  - (B) Injunctions are not available after the expiry of the patent in question under any circumstances.
  - (C) In case of expiry of patent after filing of suit, damages can be claimed for the period of infringement.
  - (D) All of the above
58. Section 62 of copyright shifts general principle of CPC in respect of jurisdiction to file a civil suit; corresponding section available in Trademarks Act is
- (A) Section 124
  - (B) Section 134
  - (C) Section 154
  - (D) Section 104
59. Patent register and entries thereon are
- (A) kept as secret by Registrar and they cannot be disclosed to anyone
  - (B) they are public documents open to public inspection
  - (C) only available to the interested persons
  - (D) inspection is subject to discretion of the Registrar
60. Revocation of patent can be invoked by
- (A) any aggrieved person
  - (B) any aggrieved person or central government
  - (C) any person interested
  - (D) any person interested or central government or on a counter claim in a suit



61. A trademark registered in breach of section 9 (1) of the trademarks Act can be further validated by proving
- (A) acquired distinctiveness      (B) inherent distinctiveness  
(C) declared distinctiveness      (D) cannot be invalidated
62. Regulations governing use of trademark is mandatory
- (A) for all trademark  
(B) for certification trademarks alone  
(C) for collective marks alone  
(D) for both collective and certification marks
63. For the purpose of taking cognizance for the offence falls under Section 107 (1) of Trademark, complaint in writing should be made by
- (A) affected party      (B) any general public  
(C) interested party      (D) registrar of trademarks
64. As per the Indian Patent Act, a complete specification must be filed within
- (A) 12 months of filing a provisional application  
(B) 18 months of filing a provisional application  
(C) 15 months of filing a provisional application  
(D) 10 months of filing a provisional application
65. A Patent application means
- (A) provisional application  
(B) complete specification  
(C) an application for patent for addition  
(D) All of the above



66. Compulsory License for export under Indian Patent Act is for
- (A) Pharmaceutical Product
  - (B) Genetically Modified Organism
  - (C) Clinical Trial Data
  - (D) Medical Plants
67. A Patent Infringement case should be initiated only
- (A) in a District Court
  - (B) in any High Court
  - (C) directly before IPAB
  - (D) All of the above
68. WIPO stands for
- (A) World Information and Patents Organisation
  - (B) World Intellectual Property Organisation
  - (C) World International Property Organisation
  - (D) World Information Protection Organisation
69. BERNE CONVENTION (1886) is concerned with
- (A) translation
  - (B) copyright
  - (C) patent
  - (D) standards
70. Where is the head quarter of patent information system in India?
- (A) Pune
  - (B) Mumbai
  - (C) Nagpur
  - (D) Delhi
71. Can intellectual property be sold?
- (A) No
  - (B) Sale is possible
  - (C) Sale is not proper
  - (D) None of the above
72. In which year the agreement on Trade Related Aspects of Intellectual Property Rights was enacted?
- (A) 1992
  - (B) 1993
  - (C) 1994
  - (D) 1996



73. Paris Convention relates to
- (A) industrial property (B) copyright  
(C) biodiversity (D) None of the above
74. WCT stands for
- (A) WIPO Copyright Treaty  
(B) WIPO Communication Treaty  
(C) World Copyright Treaty  
(D) WIPO Convention Treaty
75. The term of patent protection is
- (A) 15 years (B) 18 years  
(C) 20 years (D) 25 years
76.  $3\frac{1}{2} + 5\frac{1}{5} + 6\frac{1}{4} =$
- (A) 12 (B) 10  
(C) 18 (D) None of the above
77.  $40A + 63B = 521$ . What is the value of A and B?
- (A)  $A = 6, B = 3$  (B)  $A = 3, B = 6$   
(C)  $A = 2, B = 7$  (D)  $A = 7, B = 2$
78. Find out the HCF of 12, 18, 24, 54
- (A) 6 (B) 2  
(C) 3 (D) 216
79. The LCM of 22, 54, 108, 135, 198 is
- (A) 540 (B) 110  
(C) 5940 (D) 1980



80. 2, 6, 12, 20, 30, 42, 56,      What is the missing number?
- (A) 70                                      (B) 72  
(C) 74                                      (D) 76
81. If MADRAS is coded as 131418119, how will you code SALEM?
- (A) 19112413                              (B) 1921513  
(C) 19112513                              (D) 19113513
82. A man travels 3 miles due North, then travels 8 miles due East and further travels 3 miles due North. How far is he from the starting point?
- (A) 14 miles                              (B) 10 miles  
(C) 100 miles                              (D) 15 miles
83. Which is the number if it comes to 15 when divided by 4 and added by 9?
- (A) 21                                      (B) 26  
(C) 24                                      (D) 22
84. 0, 6, 24, 60, 120, 210,      The missing number is
- (A) 420                                      (B) 336  
(C) 504                                      (D) 1
85. A duck in front of two ducks; a duck behind two ducks; and one duck in the middle. The total number of ducks is
- (A) 5                                      (B) 3  
(C) 7                                      (D) 4
86. Insert the missing letter: D, K, G, N, ..., Q, M, T
- (A) K                                      (B) J  
(C) P                                      (D) O



87. Cobra is to Snake as Crocodile is to
- (A) Marsh (B) River  
(C) Carnivore (D) Reptile
88. Find the word which cannot be made from the letters of the word "CONSTITUTIONAL"
- (A) LOCATION (B) TUITION  
(C) TALENT (D) CONSULT
89. X says to his son Y, "I will be of your grand father's age when you will be of my age. Also I was of your present age when you were born" The sum of the years of all the three is 144. What is X's age?
- (A) 24 (B) 60  
(C) 45 (D) 48
90. If the day dawned two days preceding day before yesterday was 'Sunday', what day of the week will dawn two days following day after tomorrow?
- (A) Friday (B) Sunday  
(C) Saturday (D) Monday
91. 20 men can dig 40 holes in 60 days. If so, in how many days 10 men can dig 20 holes?
- (A) 30 days (B) 45 days  
(C) 60 days (D) 75 days
92. Find the missing letters in the word series. A D J P S
- (A) FNU (B) GNY  
(C) GMV (D) GMW



93. Pick the odd man out
- (A) CAD (B) GEH  
(C) KIL (D) OPR
94. 6, 5, 4, 5, 3, ?
- (A) 5 (B) 2.5  
(C) 2 (D) 1.5
95. Gazelle is to Swift as Swan is to
- (A) Slow (B) Water  
(C) Egg (D) Graceful
96. Choose a similar word  
Puppy : Cub Child
- (A) Adult (B) Lamb  
(C) Women (D) Insect
97. Find out the missing number in the following sequence: 343, 345, 349, 357, ?
- (A) 367 (B) 373  
(C) 413 (D) 716
98. If SILVER is coded as THMUFQ, how can GOLD be coded?
- (A) HNMC (B) HMNC  
(C) HPME (D) HCMN
99. Light : Dark Knowledge ?
- (A) Study (B) Uneducated  
(C) Learn (D) Read



100. 11 17 19 ?

- (A) 21  
(C) 23

- (B) 27  
(D) 33

101. ACE : HIL : MOQ : ?

- (A) TVX  
(C) XVT

- (B) TUX  
(D) SUW

102. Doctor : Medicine : Teacher : ?

- (A) Class  
(C) Knowledge

- (B) Students  
(D) College

103. Handsome : Beautiful :: Husband : ?

- (A) Women  
(C) Girl

- (B) Wife  
(D) She

104. In an examination 40% students fail in Mathematics, 30% in English and 15% in both. Find the pass percentage.

- (A) 50%  
(C) 30%

- (B) 65%  
(D) 45%

105. Suresh's salary is 25% above Sridhar's. Then, Sridhar's salary is less than that of Suresh by

- (A) 20%  
(C) 26%

- (B) 25%  
(D) 30%

106. A man sold 10 eggs for one rupee and thus gained 20% profit. How many eggs did he buy for Rs.1?

- (A) 12  
(C) 10

- (B) 14  
(D) 15



107. Average age of 24 students is 15. If teacher's age is included the average age increases by 1. Find the age of the teacher.
- (A) 40 yrs (B) 45 yrs  
(C) 24 yrs (D) 18 yrs
108. What percentage of 180.50 is 36.1?
- (A) 20% (B) 25%  
(C) 22.50% (D) None of the above
109. A is the mother of B and C. If D is the husband of C, how is A related to D?
- (A) Mother (B) Sister  
(C) Mother-in-law (D) Aunt
110. F is the brother of A, C is the daughter of A, K is the sister of F, G is the brother of C. Who is the uncle of G?
- (A) F (B) K  
(C) C (D) None of the above

**Direction (Q. Nos. 111 – 115):** Answer the questions on the basis of the information given below.

*P, Q, R, S, T* and *U* are six Nobel Laureates, who belong to six different countries, viz., India, China, Germany, France, Russia and Japan but not necessarily in the same order, each one has won the prize in different areas, viz., Physics, Chemistry, Economics, Medicine, Peace and Literature, but not necessarily in the same order.

They are sitting around a circular table facing the centre. The persons who have won the prize for Medicine, Economics and Peace are neither from Japan nor from India.

The persons who are from France and China have won neither for Medicine nor for Literature. *P* is neither from Japan nor sits on the immediate left of the person who won for Chemistry. The only person who is between *T*



and  $U$ , has won the prize for Physics. The person who is on the left side of the person from Japan has not won the prize for Literature,  $S$  has won the prize for Chemistry and is from China. He is facing the person who has won the prize for Physics.

One who has won the prize for Medicine is sitting opposite the person from Russia, while the person from China is on the left of the person who has won the prize for Peace.

One who has won for Literature is on the immediate right of the person who from Japan but on the left of the person who has won for Economics.  $R$  has not won the prize for Economics and  $U$  has not won for Medicine.

111. One who has won the prize for Medicine is from

- |            |             |
|------------|-------------|
| (A) Russia | (B) China   |
| (C) India  | (D) Germany |

112. Who among the following has won the prize for Peace?

- |         |         |
|---------|---------|
| (A) $P$ | (B) $Q$ |
| (C) $R$ | (D) $T$ |

113. The person who is between  $T$  and  $S$  is from

- |             |            |
|-------------|------------|
| (A) Russia  | (B) India  |
| (C) Germany | (D) France |

114. Who among the following is from Japan?

- |         |         |
|---------|---------|
| (A) $P$ | (B) $Q$ |
| (C) $R$ | (D) $T$ |

115. Who is sitting on the immediate right of the one who has won the prize for Physics?

- |         |         |
|---------|---------|
| (A) $T$ | (B) $U$ |
| (C) $Q$ | (D) $S$ |



116. The research is always
- (A) verifying the old knowledge
  - (B) exploring new knowledge
  - (C) filling the gap between knowledge
  - (D) All of the above
117. A research problem is not feasible only when
- (A) it is researchable
  - (B) it is new and adds something to knowledge
  - (C) it consists of independent and dependent variables
  - (D) it has utility and relevance
118. To test null hypothesis, a researcher uses
- (A) t test
  - (B) ANOVA
  - (C) X<sup>2</sup>
  - (D) factorial analysis
119. Bibliography given in a research report
- (A) shows vast knowledge of the researcher
  - (B) helps those interested in further research
  - (C) has no relevance to research
  - (D) All of the above
120. The study in which the investigators attempt to trace an effect is known as
- (A) Survey Research
  - (B) 'Ex-post Facto' Research
  - (C) Historical Research
  - (D) Summative Research
121. A ratio represents the relation between
- (A) part and part
  - (B) part and whole
  - (C) whole and whole
  - (D) All of the above



122. Which of the following is not the method of research?
- (A) Observation (B) Historical  
(C) Survey (D) Philosophical
123. The first step of Research is
- (A) selecting a problem (B) searching a problem  
(C) finding a problem (D) identifying a problem
124. Books and records are the primary sources of data in
- (A) historical research (B) participatory research  
(C) clinical research (D) laboratory research
125. Which one of the following is not a quality of researcher?
- (A) Unison with that of which he is in research  
(B) He must be alert mind  
(C) Keenness in enquiry  
(D) His assertion to outstrip the evidence
126. Which of the following is not the characteristic of research?
- (A) Research is systematic  
(B) Research is not a process  
(C) Research is problem oriented  
(D) Research is not passive
127. Research is a
- (A) value oriented process  
(B) passive process  
(C) self contained process  
(D) discovery oriented process

128. An ethical research venture represents
- (A) scientific approaches
  - (B) honest processing
  - (C) consistent efforts
  - (D) All of the above
129. The research should be value oriented
- (A) in the interest of human being
  - (B) in the interest of all the living creatures
  - (C) in the self interest
  - (D) in the interest of religion
130. The research work is not influenced by
- (A) the researcher himself
  - (B) his pre-established assumptions
  - (C) the curse of some other researchers
  - (D) the wrong calculations
131. The objectivity of the research can be enhanced
- (A) through its reliability
  - (B) through its validity
  - (C) through its impartiality
  - (D) All of the above
132. Reliability and validity of the research can be maintained by
- (A) contaminated facts
  - (B) real facts
  - (C) invariable facts
  - (D) uninviting facts
133. Bibliography is
- (A) a list of books referred to in a written book
  - (B) a list of authors
  - (C) a list of researchers
  - (D) All of the above



134. What is the origin of Hypothesis?
- (A) Induction by simple enumeration
  - (B) Method of Analogy
  - (C) Method of Agreement
  - (D) All of the above
135. The preparation of a synopsis is
- (A) an art
  - (B) a science
  - (C) Both (A) and (B)
  - (D) None of the above
136. A good synopsis is considered as
- (A) a half-way research
  - (B) a complete research
  - (C) a partial research
  - (D) None of the above
137. The essential thing of an ideal sample is
- (A) representativeness
  - (B) independence
  - (C) adequacy
  - (D) All of the above
138. The title page of research thesis should be
- (A) brief and meaningful
  - (B) aesthetic and attractive
  - (C) scientific and logic
  - (D) None of the above
139. The middle part of the research synopsis prepares
- (A) the middle most of the research
  - (B) the partial part of the research
  - (C) the complete part of research
  - (D) it is difficult to infer
140. The method of research reporting should be
- (A) scientific
  - (B) personal
  - (C) ethical and attractive
  - (D) favourable to globalisation



141. In order to formulate a research problem, the researcher is required to have a
- (A) reasonable level of knowledge in the broad subject area of research
  - (B) great deal of knowledge in the broad subject area of research
  - (C) reasonable level of knowledge in the exact subject area of research
  - (D) great deal of knowledge in the exact subject area of research
142. The main part of the research is
- (A) title page
  - (B) posterior region
  - (C) trunk region
  - (D) All of the above
143. Besides preface, the preliminary section of a thesis includes
- (A) tables of contents
  - (B) list of tables
  - (C) list of figures
  - (D) All of the above
144. The words of preface should be
- (A) multi meaningful
  - (B) full of emotions
  - (C) balanced, alert and humble
  - (D) in ornamental words
145. The basic need of writing an abstract is
- (A) high comprehensibility
  - (B) sample testing opportunities on the part of the examiner
  - (C) quoting facility by the other researcher
  - (D) All of the above
146. Action research is
- (A) the research in action
  - (B) instant research
  - (C) research meant for quick implementation
  - (D) All of the above



147. Field study is related to
- (A) real life situations
  - (B) experimental situations
  - (C) laboratory situations
  - (D) observation
148. Hypothesis cannot be stated in
- (A) null and question form terms
  - (B) declarative terms
  - (C) general terms
  - (D) directional terms
149. The historical research is different from experimental research in the process of
- (A) replication
  - (B) the formulation of the hypothesis
  - (C) the hypothesis testing
  - (D) All of the above
150. Foot-notes in a thesis serve
- (A) to substantiate the quotations or citations
  - (B) to give credit to the source of material
  - (C) to verify the authenticity and accuracy of material quoted
  - (D) All of the above