

10P/223/26

Question Booklet No. ....

(To be filled up by the candidate by **blue/black ball-point pen**)

Roll No.

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Roll No.

(Write the digits in words) .....

Serial No. of Answer Sheet .....

Day and Date .....

(Signature of Invigilator)

### INSTRUCTIONS TO CANDIDATES

(Use only **blue/black ball-point pen** in the space above and on both sides of the Answer Sheet)

1. Within 10 minutes of the issue of the Question Booklet, check the Question Booklet to ensure that it contains all the pages in correct sequence and that no page/question is missing. In case of faulty Question Booklet bring it to the notice of the Superintendent/Invigilators immediately to obtain a fresh Question Booklet.
2. Do not bring any loose paper, written or blank, inside the Examination Hall *except the Admit Card without its envelope*.
3. A separate Answer Sheet is given. *It should not be folded or mutilated. A second Answer Sheet shall not be provided. Only the Answer Sheet will be evaluated.*
4. Write your *Roll Number and Serial Number of the Answer Sheet* by pen in the space provided above.
5. *On the front page of the Answer Sheet, write by pen your Roll Number in the space provided at the top, and by darkening the circles at the bottom. Also, wherever applicable, write the Question Booklet Number and the Set Number in appropriate places.*
6. No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set No. (if any) on OMR sheet and Roll No. and OMR sheet No. on the Question Booklet.
7. Any changes in the aforesaid entries is to be verified by the invigilator, otherwise it will be taken as unfair means.
8. Each question in this Booklet is followed by four alternative answers. *For each question, you are to record the correct option on the Answer Sheet by darkening the appropriate circle in the corresponding row of the Answer Sheet, by pen as mentioned in the guidelines given on the first page of the Answer Sheet.*
9. For each question, darken only one circle on the Answer Sheet. If you darken more than one circle or darken a circle partially, the answer will be treated as incorrect.
10. *Note that the answer once filled in ink cannot be changed.* If you *do not wish to attempt* a question, leave all the circles in the corresponding row blank (such question will be awarded zero marks).
11. For rough work, use the inner back page of the title cover and the blank page at the end of this Booklet.
12. Deposit *both the Question Booklet and the Answer Sheet* at the end of the Test.
13. You are not permitted to leave the Examination Hall until the end of the Test.
14. If a candidate attempts to use any form of unfair means, he/she shall be liable to such punishment as the University may determine and impose on him/her.

[ उपर्युक्त निर्देश हिन्दी में अन्तिम आवरण-पृष्ठ पर दिये गये हैं। ]

## No. of Questions: 150

Time : 2 hours ]

[ Full Marks : 450

**Note :** (i) Attempt as many questions as you can. Each question carries 3 (*three*) marks. *One mark will be deducted for each incorrect answer.* Zero mark will be awarded for each unattempted question.

(ii) If more than one alternative answers seem to be approximate to the correct answer, choose the closest one.

1. American Museum of Natural History is located at :  
 (1) Washington      (2) New York      (3) Philadelphia      (4) Los Angeles
2. World Red Cross Day observed on :  
 (1) 8th May      (2) 8th June      (3) 8th July      (4) 8th April
3. Largest Mountain Range in the world is :  
 (1) Alps      (2) Karakoram      (3) Himalayas      (4) Andes
4. Italy is regarded as land of :  
 (1) Marble      (2) Flowers      (3) Birds      (4) Forests
5. Tower of Victory is located at :  
 (1) Chittaurgarh      (2) Jaipur      (3) Hyderabad      (4) Mysore
6. The Non-Proliferation Treaty (NPT) came into force in :  
 (1) 1968      (2) 1972      (3) 1970      (4) 1974
7. The largest tiger reserve in India is :  
 (1) Nagarjuna      (2) Manas      (3) Pench      (4) Corbett
8. Which is known as Cockpit of Europe ?  
 (1) Spain      (2) Belgium      (3) Austria      (4) Switzerland
9. The most important oil-seed crop of the world is :  
 (1) Groundnut      (2) Coconut  
 (3) Rapeseed & mustard      (4) Soyabean

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10. Paper was invented in :  
(1) Egypt (2) Greece (3) China (4) India
11. Raja Ravi Verma of Kerala was a distinguished :  
(1) Dancer (2) Painter (3) Poet (4) Singer
12. Choose the one which is least like the other words in the group :  
(1) Cathedral (2) Mosque (3) Church (4) Monastery
13. 'Condolence' is related to 'loss' in the same way as 'Congratulation' is related to :  
(1) Praise (2) Achievement (3) Accusation (4) Reward
14. Reluctant : Keen :: Remarkable : ... ?.....  
(1) Usual (2) Restrained (3) Striking (4) Evocative
15. 'Book' is to 'publisher' as 'film' is to :  
(1) Writer (2) Editor (3) Director (4) Producer
16. Necessity : Invention :: ... ?.....  
(1) Curiosity : Knowledge (2) Nation : Citizen  
(3) Price : Commodity (4) Language : Conversation
17. Complete the series :  
0.5, 1.5, 4.5, 13.5, ...?.....  
(1) 45.5 (2) 39.5 (3) 30.5 (4) 40.5
18. Who wrote the book 'Savitri' ?  
(1) Aurobindo Ghosh (2) Mahatma Gandhi  
(3) Jawaharlal Nehru (4) R. K. Narayanan
19. Headquarters of Commonwealth Youth Programme (CYP) Asia Centre is at :  
(1) Chandigarh (2) New Delhi (3) Mumbai (4) Bangalore
20. Complete the series :  
D-4, F-6, H-8, J-10, ...?..., ....?.....  
(1) K-12, M-13 (2) L-12, M-14 (3) L-12, N-14 (4) K-12, M-14

21. Netaji Subhas National Institute of Sports is located at :  
 (1) Patiala (2) Jabalpur (3) Pune (4) Udaipur
22. National Fruit of India is :  
 (1) Apple (2) Orange (3) Mango (4) Pineapple
23. President of India nominates ..... persons having special knowledge as the Members of Rajya Sabha.  
 (1) 15 (2) 12 (3) 9 (4) 13
24. *Statements* : All novels are stories.  
 All stories are songs.  
*Conclusions* :  
 (1) All novels are songs. (2) Some novels are songs.  
 (3) Some songs are novels. (4) All stories are not songs.
25. If '×' stands for 'addition'; '÷' stands for 'subtraction'; '+' stands for 'multiplication'; and '-' stands for 'division'; then  $20 \times 8 \div 8 - 4 + 2 = \dots?...$   
 (1) 80 (2) 25 (3) 24 (4) 5
26. Using proper notations, find the correct expression :  
 (1)  $3 \div 2 + 4 < 9 \div 3 - 2$  or  $\frac{11}{2} < 1$ , which is not true  
 (2)  $3 + 2 + 4 < 18 \div 3 - 1$  or  $9 < 5$ , which is not true  
 (3)  $3 + 2 - 4 > 8 \div 4 - 2$  or  $1 > 0$ , which is true  
 (4)  $3 \div 2 - 4 > 9 \div 3 - 3$  or  $-\frac{5}{2} > 0$ , which is not true
27. Read the following informations carefully and identify the person who is good in Physics, History and Mathematics' but not in Biology :  
 (A) Mohan and Sumit are good in Chemistry & Biology  
 (B) Asish and Mohan are good in Biology and Physics  
 (C) Asish, Pratap and Neeraj are good in Physics & History  
 (D) Neeraj and Asish are good in Physics & Mathematics  
 (E) Pratap and Sumit are good in History & Chemistry  
 (1) Pratap (2) Asish (3) Mohan (4) Neeraj
28. Arun said, "This girl is the wife of the grandson of my mother." Who is Arun to the girl ?  
 (1) Father (2) Grandfather (3) Husband (4) Father-in-law

29. Tallest building of the world is located at :  
(1) New York      (2) Dubai      (3) Paris      (4) London
30. Which of the following book is written by A. P. J. Abdul Kalam ?  
(1) Developing India      (2) Science in Today's India  
(3) Defence Set up India      (4) Guiding Soul
31. The first city in India to have a documented map on heritage structure is :  
(1) Chennai      (2) Delhi      (3) Jaipur      (4) Agra
32. Who is the author of the latest book 'Two Lives' ?  
(1) Vikram Seth      (2) Salman Rushdie  
(3) Vikram Kapur      (4) Arvind Verma
33. At present, the National Commission on Population is under :  
(1) Planning Commission  
(2) Ministry of Human Resource Development  
(3) Cabinet Secretariat  
(4) Ministry of Health
34. What is the probability of HEADS every time in three tosses of a coin ?  
(1)  $\frac{1}{6}$       (2)  $\frac{1}{8}$       (3)  $\frac{1}{4}$       (4)  $\frac{1}{12}$
35. My ..... enemy is my friend.  
(1) friend's      (2) enemy's      (3) neighbour's      (4) brother's
36. Doctors work in clinic but scientists work in :  
(1) Archives      (2) Museums      (3) Library.      (4) Laboratory
37. S. O. S. means :  
(1) Law of gravitation      (2) Welcome sign  
(3) Distress signal      (4) Victory sign
38. Table has Wood as Coat has :  
(1) Wear      (2) Trouser      (3) Cloth      (4) Shirt
39. .... is to India as London is to ..... :  
(1) USA - UK      (2) Indian - British  
(3) White - Coloured      (4) Delhi - England

40. Followings are the given premises :
- (a) All human beings are mortals.  
 (b) All man are human beings.  
 Which of the following is the most logical deduction ?
- (1) All mortals are man. (2) All men are mortals.  
 (3) All mortals are human beings. (4) All human beings are men.
41. "Psychology is the science of behaviour. All living organisms behave differently. Science is the logical and controlled way of studying various phenomena." From these statements what follows ?
- (1) Psychology is behaviour  
 (2) Psychology is living organism  
 (3) Psychology is the science of behaviour of all living organisms  
 (4) Psychology is not a science
42. If BODMAS is coded as DQFOCU, then what would FORMULAE be coded as ?
- (1) HQTOWNCG (2) ENQLTKZD  
 (3) GPSNVMBF (4) HQTOWKAD
43. If  $x = -3$ , then  $x^3 - 3x^2 - 2x - 1$  is equal to :
- (1) -1 (2) 5 (3) 10 (4) -15
44. In a code language HEART is written as DLAIWENVPX then what be the code HPQY JRCKOW stands for ?
- (1) Kidney (2) Mouth (3) Lungs (4) Legs
45. When a clock is showing the time as 1.05 P. M. What will be the angle between the hours-hand and minutes-hand of the clock ?
- (1)  $0^\circ$  (2)  $1^\circ$  (3)  $2\frac{1}{2}^\circ$  (4)  $3^\circ$
46. Over 200 cm rainfall per year occurs in :
- (1) Coniferous forests (2) Grasslands  
 (3) Deciduous forests (4) Tropical forests
47. International Institute of Biological Husbandry (IIBH) is based in :
- (1) Lagas (2) London (3) Paris (4) Wisconsin
48. The largest Wild Life Sanctuary in India is :
- (1) Ghana Bird Sanctuary (2) Dachigam Sanctuary  
 (3) Jaldopur Wild Life Sanctuary (4) Periyar Wild Life Sanctuary
49. 'Binary digit' means :
- (1) 1 (2) 2 (3) 3 (4) 8

50. Byte is a string of :  
 (1) 2 bits                      (2) 4 bits                      (3) 8 bits                      (4) 16 bits
51. Which of the following is correct expansion of CD-ROM ?  
 (1) Compact Disc - Read of Memory  
 (2) Compact Disc - Read on Memory  
 (3) Compact Disc - Read only Memory  
 (4) Compact Drum - Read only Memory
52. E-mail is delivered through :  
 (1) Courier    (2) Speed Post  
 (3) Computer and Modem                              (4) Air Mail
53. In computer terminology 'C' refers to :  
 (1) Memory    (2) CPU  
 (3) Computation Data                                      (4) Programming Language
54. UNIX is a :  
 (1) Computer language                                      (2) Systems Programmes  
 (3) Operating System    (4) Application Software
55. COBOL language is used for :  
 (1) Scientific Purpose    (2) General Purpose  
 (3) Commercial Purpose                                      (4) Interactive Purpose
56. A sequence of one or more characters is known as :  
 (1) String                      (2) Thread                      (3) Chain                      (4) Rope
57. A graphic representation of the sequence of operations needed to carry out a job is known as :  
 (1) Flow Chart    (2) Graphic Chart  
 (3) Digital Chart    (4) Field Chart
58. A predetermined section of a record is called :  
 (1) File                      (2) Gateway                      (3) Field                      (4) Data
59. The brain of a computer that facilitates processing of a data is known as :  
 (1) CPU    (2) Memory  
 (3) Colour Monitor    (4) Peripheral.
60. If a computer transmits a file to a remote terminal the process is called :  
 (1) Down loading    (2) Loading  
 (3) Uploading    (4) Partial loading

61. "A branch of computer science involving computers to do problem solving that requires human intelligence" is known as :
- (1) Natural Intelligence (2) Artificial Intelligence  
(3) Computer Intelligence (4) Technical Intelligence
62. The users for whom a data base is designed, created and maintained is known as :
- (1) End users (2) Middle users  
(3) Last users (4) Customers
63. The abacus device was probably used in early 2200 B. C. by the :
- (1) Egyptians (2) Babylonians  
(3) Assyrians (4) Persians
64. Which Indian singer awarded highest Civil award of France in 2009 ?
- (1) Lata Mangeshkar (2) Usha Mangeshkar  
(3) Manna Dey (4) Kumar Shanu
65. Mahadev Govind Rande was a member of :
- (1) Arya Samaj (2) Prarthana Samaj  
(3) Indian League (4) Theosophical Society
66. Which of the following will never get the vertical rays of the sun ?
- (1) Srinagar (2) Mumbai  
(3) Chennai (4) Thiruvananthapuram
67. When humidity is expressed as a percentage, it is called :
- (1) Relative Humidity (2) Absolute Humidity  
(3) Specific Humidity (4) Percentage Humidity
68. What is a tornado ?
- (1) a very high pressure centre (2) a very low pressure centre  
(3) a very high ocean wave (4) a planetary wind
69. The largest producer of fish in the world is :
- (1) China (2) Russia (3) Japan (4) Norway
70. Philadelphia is wellknown because of :
- (1) Ship building (2) Dairy Industry  
(3) Locomotives (4) Silk Textiles



71. Which countries are separated by the 49th Parallel ?  
(1) France and Germany (2) USA and Mexico  
(3) USA and Canada (4) Russia and China
72. The Pacific Ring of Fire is associated with :  
(1) Forest fires (2) Volcanoes and earthquakes  
(3) Oil well fires (4) Thermal power stations
73. Duncan Pass is located between :  
(1) South and Little Andaman (2) North and South Andaman  
(3) North and Middle Andaman (4) Andaman and Nicobar
74. India and its neighbouring countries are together called the Indian-subcontinent because of the :  
(1) Vast zone of the area  
(2) Political dominance of India  
(3) Regions aloofness from the rest of the world  
(4) Typical economic links between the various member states
75. The highest peak in Indian territory is  $K^2$ . In which range it is located ?  
(1) Central Himalayas (2) Trans Himalayas  
(3) Karakoram Range (4) Kumaun Himalayas
76. Which of the following river flows through a rift valley ?  
(1) Ganga (2) Narmada  
(3) Brahmaputra (4) Krishna
77. Which one is a land locked state ?  
(1) Gujarat (2) Andhra Pradesh  
(3) West Bengal (4) Bihar
78. India borrowed the idea of Federal System with a strong centre from :  
(1) USA (2) Canada (3) Australia (4) New Zealand
79. At present 'right to property' is a :  
(1) Legal Right (2) Human Right  
(3) Fundamental Right (4) Natural Right
80. Who is legally competent to declare war or conclude peace ?  
(1) The President (2) The Parliament  
(3) Prime Minister (4) The Council of Ministers

81. The Constitution of India describes India as :
- (1) a Union of States (2) a Federation  
(3) a Confederation (4) a Quasi-Federal
82. The Parliament of India generally holds three Sessions. Which one of the following has been *wrongly* listed as a Session of the Parliament ?
- (1) Budget Session (2) Monsoon Session  
(3) Spring Session (4) Winter Session
83. The concept of Total Fertility Rate (TFR) in population means :
- (1) The average number of children born to a woman during her life time  
(2) The average number of children born to an adult male during his life time  
(3) The average number of children born in a family  
(4) The average rate of growth of population
84. The Eastern Dedicated Freight Corridor being built by Indian Railway will connect :
- (1) Panipat and Allahabad  
(2) Rajkot and Bhubaneswar  
(3) Jawaharlal Nehru Port and Tughlakabad  
(4) Ludhiana and Sonnagar
85. 'World Investment Report' is an annual publication of :
- (1) UNCTAD (2) World Bank (3) WTO (4) IMF
86. The national income of a nation is the :
- (1) Government's annual revenue  
(2) Sum total of factor incomes  
(3) Surplus of public sector undertakings  
(4) Exports minus imports
87. 'Planned Economy for India' (1934) was the work of :
- (1) John Mathai (2) M. N. Ray  
(3) M. Visveswaraya (4) Shriman Narayan
88. An apparatus used to locate submerged objects is known as :
- (1) Radar (2) Sonar (3) Quasar (4) Pulsar
89. Heavenly matter landing on the earth's surface is known as :
- (1) Meteor (2) Shooting star  
(3) Meteorite (4) UFO

90. Match List - I with List II and select the correct answer using the Codes given below the list :

List - I (Scientist)	List II (Work)
A. Bohr	1. Neutron
B. Einstein	2. Model of hydrogen atom
C. Chadwick	3. Matter waves
D. de-Broglie	4. Photoelectric effect

Codes:

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

91. The inside of a photographic camera is coated with black to avoid :  
(1) scattering of light (2) total internal reflection  
(3) reflection of light (4) absorption of light
92. As water freezes, its temperature :  
(1) decreases (2) does not change (3) increases (4) fluctuates
93. Which of the following played a key role in the development of Bose-Einstein Theory of Quantum Statistics ?  
(1) S. N. Bose (2) J. C. Bose (3) D. M. Bose (4) A. G. Bose
94. TCP/IP is necessary if one is to connect to the :  
(1) Phone lines (2) LAN (3) Internet (4) a Server
95. [http:// www. examination.com](http://www.examination.com) is an example of :  
(1) URL (2) HTML (3) XML (4) LAN
96. The operation of adding two numbers is done in the :  
(1) Program (2) ALU (3) Control unit (4) Output Unit
97. The blue colour of the sky is due to :  
(1) Dispersion (2) Scattering (3) Fluorescence (4) Refraction
98. Sound travels at maximum speed in :  
(1) vacuum (2) air (3) water (4) steel

99. The three primary colours are :
- (1) blue, green and red (2) yellow, orange and red  
(3) blue, yellow and red (4) violet, indigo and blue
100. Anaemic patients are deficient in :
- (1) Calcium (2) Magnesium (3) Iodine (4) Iron
101. The branch of Chemistry that deals with living systems is known as :
- (1) Organic Chemistry (2) Physical Chemistry  
(3) Biological Chemistry (4) Inorganic Chemistry
102. The Central Drug Research Institute (CDRI) is located at :
- (1) Allahabad (2) Delhi (3) Lucknow (4) Bangalore
103. Choose the correct pair :
- (1) Ellora caves : Saka (2) Mahabalipuram : Rashtrakutas  
(3) Meenakshi Temple : Pallavas (4) Khajuraho : Chandellas
104. The word 'Buddha' means :
- (1) a conqueror (2) a liberator  
(3) an enlightened one (4) a wanderer
105. The main occupation of the Paleolithic people was :
- (1) Agriculture (2) Animal Husbandry  
(3) Fishing (4) Hunting and gathering food
106. Which of the following is correctly matched ?
- (1) Swaraj is my birthright and I will have it — B. G. Tilak  
(2) Give me blood and I will give you freedom — S. C. Bose  
(3) Kareenge ya Marenge — C. R. Das  
(4) A new star rises, the star of freedom in the east — Mahatma Gandhi
107. 'Indian Civil Service' was introduced during the time of :
- (1) Lord Canning (2) Lord Curzon  
(3) Lord Cornwallis (4) Lord Dalhousie
108. Who represented India at the World Congress of Religion at Chicago in 1893 ?
- (1) Dadabhai Naoroji (2) Swami Dayananda  
(3) Swami Vivekananda (4) Ramakrishna Paramhansa

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109. Ramanuja founded a new school of Vaishnavism against the increasing cult of  
(1) Formalism (2) Romanticism  
(3) Mysticism (4) Solipsism
110. Who was the Chairman of the Drafting Committee of the Constitution ?  
(1) J. B. Kripalani (2) Rajendra Prasad  
(3) J. L. Nehru (4) B. R. Ambedkar
111. Who is remembered as the pioneer of economic nationalism ?  
(1) Bipin Chandra Paul (2) Gokhale  
(3) R. C. Dutt (4) Madan Mohan Malviya
112. Hunter Commission was appointed by the British to probe into the :  
(1) Bardoli Satyagraha (2) Khilafat agitation  
(3) Jallianwalabagh Tragedy (4) Chauri Chaura Incident
113. Nobel prize for Economics was instituted in the year :  
(1) 1901 (2) 1936 (3) 1957 (4) 1967
114. National Institute of Nutrition is located at :  
(1) Chennai (2) Bangalore (3) New Delhi (4) Hyderabad
115. The decade 2006-2015 is designed by SAARC as the decade of :  
(1) Rights of the child (2) Girl child  
(3) Poverty alleviation (4) Tourism
116. Which of the following is correctly matched ?  
(1) Panchmarhi Sanctuary — Daltongang  
(2) Toboda National Park — Hoshangabad  
(3) Periyar Sanctuary — Idukki  
(4) Rohla National Park — Udaipur
117. The smallest planet in the solar system is :  
(1) Mercury (2) Mars (3) Pluto (4) Venus
118. Shimla agreement was signed by India and Pakistan in :  
(1) 1972 (2) 1962 (3) 1978 (4) 1964

119. Puerto Rico Trench is the greatest depth located in :  
 (1) Pacific Ocean (2) Indian Ocean  
 (3) Atlantic Ocean (4) Arctic Ocean
120. Montreal Protocol is related to :  
 (1) Ozone depletion (2) Nuclear weapons  
 (3) Landmines (4) Sea-bed
121. The first recipient of 'Jnanpeeth Award' was :  
 (1) T. S. Bandopadhyay (2) Uma Shankar Joshi  
 (3) G. Shankar Kurup (4) Sumitra Nandan Pant
122. The first recipient of 'Bharat Ratna' was :  
 (1) Jawaharlal Nehru (2) Govind Vallabh Pant  
 (3) B. C. Roy (4) C. V. Raman
123. Mesopotamia is the old name of :  
 (1) Iran (2) Iraq (3) Turkey (4) Egypt
124. New York is located on the bank of the river :  
 (1) Potomac (2) Fibe (3) Hudson (4) Spree
125. Colosseum is a famous site located at :  
 (1) Rome (2) London (3) Paris (4) New York
126. The least populated state in India is :  
 (1) Goa (2) Sikkim  
 (3) Manipur (4) Arunachal Pradesh
127. 'Knesset' is the name of the Parliament of :  
 (1) Poland (2) Spain (3) Israel (4) Norway
128. Which of the following is known as the Playground of Europe ?  
 (1) Italy (2) Germany (3) France (4) Switzerland
129. M. S. Swaminathan Award is given for :  
 (1) National Integration (2) Agricultural Development  
 (3) Environmental Protection (4) Water Conservation

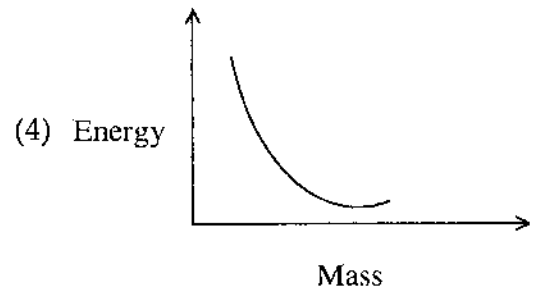
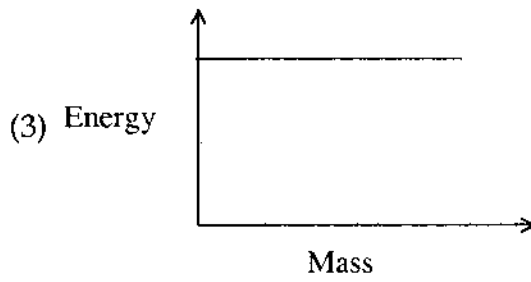
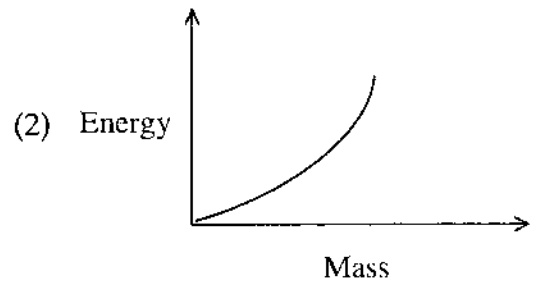
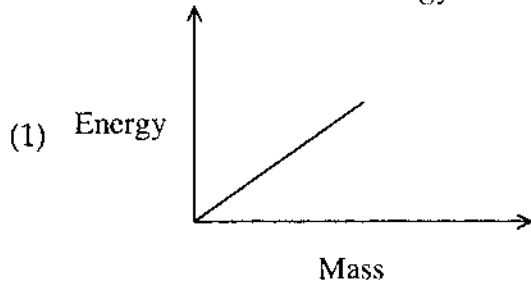
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130. The 19th Commonwealth Game will held in 2010 in :  
(1) Melbourne (2) Colombo (3) Sydney (4) New Delhi
131. The historic hill station Chamba, which has recently completed 1000 years of its existence, is located in :  
(1) Jammu & Kashmir (2) Tamil Nadu  
(3) Himachal Pradesh (4) Uttarakhand
132. India's largest 'solar – diesel hybrid power plant' was commissioned recently in :  
(1) Andaman and Nicobar Island (2) Kerala  
(3) Lakshadweep (4) Gujarat
133. Asia's first DNA bank is being established in India at :  
(1) New Delhi (2) Lucknow (3) Chennai (4) Bhopal
134. What is GOCE ?  
(1) Solar Plane (2) Satellite (3) Missile (4) Telescope
135. Ananda Galapatti of Sri Lanka won the Ramon Magsaysay Award (2008) for :  
(1) Emergent Leadership  
(2) Community Leadership  
(3) Public Service  
(4) Peace and International Understanding
136. 108th Constitutional Amendment Bill (2008) is related to :  
(1) Cooperatives (2) Women's reservation  
(3) Panchayats (4) Elections
137. Which country topped the medals tally in the 2008 Olympics ?  
(1) USA (2) Russia (3) Britain (4) China
138. The latest book 'Shaping India's New Destiny' is written by :  
(1) Anuruddha Roy (2) Sashi Tharoor  
(3) Jagmohan (4) Anita Nair
139. G-8 Summit was held in 2008 at :  
(1) Paris (2) Tokyo (3) Moscow (4) Rome
140. India's first Polysilicon Solar Project was launched in 2008 at :  
(1) Chennai (2) Kolkata (3) Bangalore (4) Chandigarh

141. Which language film won the Best Feature Film Award at the 54th National Film Awards Ceremony held in 2008 ?
- (1) Kannada (2) Malayalam  
(3) Punjabi (4) Bengali
142. '2012' Olympic Games will be held at :
- (1) Paris (2) Moscow (3) London (4) Berlin
143. Nirmala Deshpande, who passed away in 2008, was a noted :
- (1) Actress (2) Poetess (3) Musician (4) Gandhian
144. Who is the author of the latest book 'The Post American World' ?
- (1) Robin Cook (2) Andrew Lycett  
(3) Patrick Frence (4) Fareed Zakaria
145. 'Gasoline' is obtained from crude oil by process of :
- (1) Sublimation (2) Fractional Distillation  
(3) Crystallization (4) Filtration
146. A storm is predicted if atmospheric pressure :
- (1) falls gradually (2) rises gradually  
(3) rises suddenly (4) falls suddenly
147. A stone is dropped from the top of a building hits the ground after 5 seconds. What is the height of the building ?
- (1) 25 m (2) 50 m (3) 125 m (4) 250 m
148. The working principle of a washing machine is :
- (1) Capillarity (2) Centrifugation  
(3) Decantation (4) Diffusion
149. Endoscopy is a technique used to explore the stomach or other inner parts of the body is based on the phenomenon of :
- (1) Total internal reflection (2) Interference  
(3) Diffraction (4) Polarization



150. Which graph best represents the relationship between Energy and Mass when matter is converted into energy ?



## अभ्यर्थियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण-पृष्ठ पर तथा उत्तर-पत्र के दोनों पृष्ठों पर केवल नीली/काली बाल-प्वाइंट पेन से ही लिखें)

1. प्रश्न पुस्तिका मिलने के 10 मिनट के अन्दर ही देख ले कि प्रश्नपत्र में सभी पृष्ठ मौजूद हैं और कोई प्रश्न छूटा नहीं है। पुस्तिका दोषयुक्त पाये जाने पर इसकी सूचना तत्काल कक्ष निरीक्षक को देकर सम्पूर्ण प्रश्नपत्र की दूसरी पुस्तिका प्राप्त कर लें।
2. परीक्षा भवन में लिफाफा रहित प्रवेश-पत्र के अतिरिक्त, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
3. उत्तर-पत्र अलग से दिया गया है। इसे न तो मोड़ें और न ही विकृत करें। दूसरा उत्तर-पत्र नहीं दिया जायेगा। केवल उत्तर-पत्र का ही मूल्यांकन किया जायेगा।
4. अपना अनुक्रमांक तथा उत्तर-पत्र का क्रमांक प्रथम आवरण-पृष्ठ पर पेन से निर्धारित स्थान पर लिखें।
5. उत्तर-पत्र के प्रथम पृष्ठ पर पेन से अपना अनुक्रमांक निर्धारित स्थान पर लिखें तथा नीचे दिये वृत्तों को गाढ़ा कर दें। जहाँ-जहाँ आवश्यक हो वहाँ प्रश्न-पुस्तिका का क्रमांक तथा सेट का नम्बर उचित स्थानों पर लिखें।
6. ओ० एम० आर० पत्र पर अनुक्रमांक संख्या, प्रश्न-पुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्न-पुस्तिका पर अनुक्रमांक संख्या और ओ० एम० आर० पत्र संख्या की प्रविष्टियों में उपरिलेखन की अनुमति नहीं है।
7. उपर्युक्त प्रविष्टियों में कोई भी परिवर्तन कक्ष निरीक्षक द्वारा प्रमाणित होना चाहिये अन्यथा यह एक अनुचित साधन का प्रयोग माना जायेगा।
8. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं। प्रत्येक प्रश्न के वैकल्पिक उत्तर के लिये आपको उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार पेन से गाढ़ा करना है।
9. प्रत्येक प्रश्न के उत्तर के लिये केवल एक ही वृत्त को गाढ़ा करें। एक से अधिक वृत्तों को गाढ़ा करने पर अथवा एक वृत्त को अपूर्ण भरने पर वह उत्तर गलत माना जायेगा।
10. ध्यान दें कि एक बार स्याही द्वारा अंकित उत्तर बदला नहीं जा सकता है। यदि आप किसी प्रश्न का उत्तर नहीं देना चाहते हैं, तो सम्बन्धित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये जायेंगे।
11. रफ कार्य के लिये इस पुस्तिका के मुखपृष्ठ के अंदर वाला पृष्ठ तथा अंतिम खाली पृष्ठ का प्रयोग करें।
12. परीक्षा के उपरान्त प्रश्न-पुस्तिका एवं उत्तर-पत्र परीक्षा भवन में जमा कर दें।
13. परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमति नहीं होगी।
14. यदि कोई अभ्यर्थी परीक्षा में अनुचित साधनों का प्रयोग करता है, तो वह विश्वविद्यालय द्वारा निर्धारित दंड का/की भागी होगा/होगी।

## KEY OF UET/PET-2010

M. Lib. & Information Sci.  
(456)

- 1- 03 (Three) marks to be awarded for each correct answer.
- 2- 01 (one) mark to be deducted for each incorrect answer.
- 3- 00 (zero) mark to be awarded for each unattempted question.

Q. A. 1 2	Q. A. 21 1	Q. A. 41 3	Q. A. 61 2	Q. A. 81 1	Q. A. 101 3	Q. A. 121 3	Q. A. 141 2	Q. A. 161	Q. A. 181
2 1	22 3	42 1	62 1	82 3	102 3	122 4	142 2	162	182
3 4	23 2	<del>43 2</del>	63 2	83 1	103 4	123 2	143 4	163	183
4 1	24 1	44 3	64 1	84 4	104 3	124 3	144 4	164	184
5 1	25 3	45 3	65 2	85 1	105 4	125 1	145 2	165	185
6 3	26 3	46 4	66 1	86 2	<del>106 2</del>	126 2	146 4	166	186
7 4	27 4	47 2	67 1	87 3	107 3	127 3	147 3	167	187
8 2	28 4	48 4	68 2	88 2	108 3	128 4	148 2	168	188
9 4	29 2	49 2	69 1	89 3	109 1	129 3	149 1	169	189
10 3	30 4	50 3	70 3	90 3	110 4	130 4	150 3	170	190
11 2	31 2	51 3	71 3	91 3	111 3	131 3	151	171	191
12 4	32 1	52 3	72 2	92 2	112 3	132 3	152	172	192
13 2	33 4	53 4	73 4	93 1	113 4	133 2	153	173	193
14 1	34 2	54 3	74 3	94 3	114 4	134 2	154	174	194
15 4	35 2	55 3	75 3	95 1	115 3	135 1	155	175	195
16 1	36 4	56 1	76 2	96 2	116 3	136 2	156	176	196
17 4	37 3	57 1	77 4	97 1	117 3	137 4	157	177	197
18 1	38 3	58 3	78 2	98 4	118 1	138 3	158	178	198
19 1	39 4	59 1	79 4	99 1	119 3	139 2	159	179	199
20 3	40 2	60 2	80 1	100 4	120 1	140 2	160	180	200

Q.N. 43 and 106 are cancelled  
6 (Six) marks be awarded to all

*[Signature]*