146. Light of uniform intensity impinges perpendicularly on a totally reflecting surface. If the area of the surface is halved, the radiation force on it will become

(a) double

(b) half

(c) four times

(d) one fourth

147. The part of the human eye on which the image is formed is

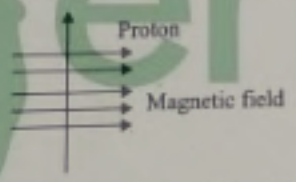
(a) pupil

(b) cornea

(c) retina

(d) iris

148. Consider the following image :



A proton enters a magnetic field at right angles to it, as shown above. The direction of force acting on the proton will be

(a) to the right

(b) to the left

(c) out of the page

(d) into the page

149. Which one of the following statements about sound is NOT correct ?

(a) Sound travels at a speed slower than the speed of light

(b) Sound waves are transverse waves

(c) Sound waves are longitudinal waves

(d) Sound travels faster in moist air than in dry air

150. When the short circuit condition occurs, the current in the circuit

(a) becomes zero

(b) remains constant

(c) increases substantially

(d) keeps on changing randomly

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139. Which one of the following is NOT the unit of energy ?

(a) Joule

(b) Watt-hr

(c) Newton-metre

(d) kg-metre/sec^2

140. Which one of the following statements is NOT correct ?

(a) Biomass is a renewable source of energy

(b) Gobar gas is produced when cow-dung, crop residues, vegetable waste and sewage are allowed to decompose in the absence of oxygen

(c) Biogas generation reduces soil and water pollution

(d) Heating capacity of biogas is very low

141. In prokaryotic organisms, nuclear region is not surrounded by a membrane. This undefined nuclear region is known as

(a) Nucleic acid

(b) Nucleoid

(c) Nucleolus

(d) Nucleosome

142. Which one of the following plant tissues has dead cells ?

(a) Epidermis

(b) Parenchyma

(c) Collenchyma

(d) Sclerenchyma

143. Cartilage is NOT found in

(a) larynx

(b) nose

(c) ear

(d) urinary bladder

144. Two planets orbit the Sun in circular orbits, with their radius of orbit as $R_1 = R$ and $R_2 = 4R$. Ratio of their periods (T_1/T_2) around the Sun will be

(a) 1/16

(b) 1/8

(c) 1/4

(d) 1/2

145. A metallic wire having resistance of 20 Ω is cut into two equal parts in length. These parts are then connected in parallel. The resistance of this parallel combination is equal to

(a) 20 Ω

(b) 10 Ω

(c) 5 Ω

(d) 15 Ω

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132. 'Naseem-Al-Bahr' is a bilateral naval exercise between India and

(a) United Arab Emirates

(b) Iran

(c) Saudi Arabia

(d) Oman

133. Koneru Humpy excels in which one of the following sports ?

(a) Boxing

(b) Table Tennis

(c) Chess

(d) Billiards

134. Which one of the following was the official mascot of Khelo India Youth Games, 2020 ?

(a) Vijaya

(b) Yaya

(c) Rongmon

(d) Ammu

135. In January 2020, a passenger aircraft crashed in Iran soon after taking off from Tehran's Imam Khomeini airport killing about 170 people onboard. The airplane belongs to

(a) Qatar Airways

(b) Ukraine International Airlines

(c) Singapore Airlines

(d) Cathay Pacific

136. MILAN, a multilateral naval exercise, 2020 was hosted by which one of the following cities ?

(a) Port Blair

(b) Kochi

(c) Visakhapatnam

(d) Panaji

137. In an incandescent electric bulb, the filament of the bulb is made up of which metal ?

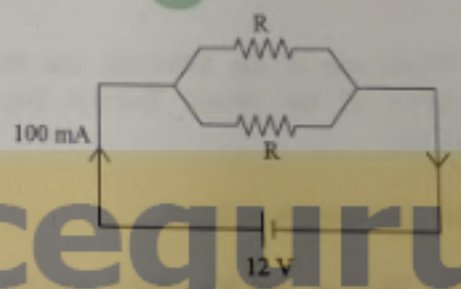
(a) Aluminium

(b) Copper

(c) Tungsten

(d) Silver

138. Two equal resistors R are connected in parallel, and a battery of 12 V is connected across this combination. A dc current of 100 mA flows through the circuit as shown below :



The value of R is

(a) 120 Ω

(b) 240 Ω

(c) 60 Ω

(d) 100 Ω

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126. Which one of the following statements about Jaipal Singh is NOT correct ?

(a) He was a member of the Constituent Assembly

(b) He founded the Adivasi Maha Sabha

(c) He was the captain of the first Indian national hockey team

(d) He campaigned for a separate state of Chhattisgarh

127. What is 'Tikki Mausi' in the context of Malnutrition ?

(a) A specially packaged food item

(b) A mascot

(c) Name of a scheme

(d) Name given to the healthcare providers

128. Which one of the following was the theme of the World Tourism Day, 2019 ?

(a) Sustainable tourism

(b) Tourism and the digital transformation

(c) Tourism : responding to the challenge of climate change

(d) Tourism and jobs : a better future for all

129. Which one of the following countries has hosted the Army Exercise TSENTR, 2019 ?

(a) Russia

(b) China

(c) Kazakhstan

(d) Kyrgyzstan

130. Which one of the following countries is called the 'country of winds' ?

(a) India

(b) China

(c) Denmark

(d) Germany

131. Which one of the following is the oldest scientific department of Government of India ?

(a) Department of Biotechnology

(b) Survey of India

(c) India Meteorological Department

(d) DRDO

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121. The call for *Garibi Hatao* was incorporated in

(a) Fourth Five Year Plan

(b) Fifth Five Year Plan

(c) Sixth Five Year Plan

(d) Seventh Five Year Plan

122. Match List I with List II and select the correct answer using the code given below the Lists :

List I (*Major Objective*)	List II (*Five Year Plan*)
A. Faster and more inclusive growth	1. First
B. Faster, more inclusive and sustainable growth	2. Fifth
C. Correction of disequilibrium caused by Second World War	3. Eleventh
D. Attaining self-reliance	4. Twelfth

Code :

	A	B	C	D
(a)	3	1	4	2
(b)	3	4	1	2
(c)	2	4	1	3
(d)	2	1	4	3

123. Which one of the following Directive Principles was inserted by the Constitution (42nd Amendment) Act, 1976 ?

(a) The State shall minimise inequalities in income

(b) Equal justice and free legal aid

(c) Promotion of co-operative societies

(d) Provision for early childhood care

124. A common High Court for two or more states can be established by

(a) a law passed by the Parliament

(b) an order of the Supreme Court of India

(c) an order of the President of India

(d) an amendment to the Constitution of India

125. In the year 1928, a committee of Congress leaders drafted a Constitution for India. The Committee was headed by

(a) Mahatma Gandhi

(b) T. B. Sapru

(c) Motilal Nehru

(d) Jawaharlal Nehru

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116. In case of a concave mirror, if an object is kept between principal focus F and pole P of the mirror, then which one of the following statements about the image is NOT correct?

(a) The image will be virtual

(b) The image will be enlarged or magnified

(c) The image will be formed at infinity

(d) The image will be erect

117. New Zealand is considered part of which one of the following island groups?

(a) Micronesia

(b) Melanesia

(c) Polynesia

(d) Hawaii Island chain

118. Which of the following statements with regard to *Pradhan Mantri Krishi Sinchayee Yojana* (PMKSY) is/are correct?

1. PMKSY was launched during 2015-16

2. The basic aim of PMKSY is to enhance physical access of water on farm

3. One of the main objectives of PMKSY is to achieve convergence of investments in irrigation at the field level.

Select the correct answer using the code given below:

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

119. According to Article 79 of the Constitution of India, which of the following is/are described as a part of Parliament of India?

1. The House of the People

2. The Council of States

3. The President of India

Select the correct answer using the code given below:

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

120. The Five Year Plan was first launched in

(a) China

(b) USSR

(c) India

(d) Russia

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109. At nearly 70°C, sodium bicarbonate shows the property of gradually decomposing, which makes it usable in bakery products. The product of decomposition responsible for this use of sodium bicarbonate is

(a) Carbon dioxide

(b) Hydrogen

(c) Water vapour

(d) Oxygen

110. Number of molecules of water of crystallization in copper sulphate, sodium carbonate and Gypsum are

(a) 5, 10 and 2 respectively

(b) 10, 2 and 5 respectively

(c) 5, 2 and 10 respectively

(d) 2, 5 and 10 respectively

111. Which one of the following is the correct sequence of change in colours when a turmeric stain on white clothes is scrubbed by soap and then washed with water ?

(a) Yellow – pink – blue

(b) Yellow – reddish brown – yellow

(c) Yellow – reddish brown – blue

(d) Yellow – blue – pink

112. Which one of the following statements regarding Bleaching powder and D.D.T. is correct ?

(a) Both are inorganic compounds

(b) Both are organic compounds

(c) Both contain chlorine

(d) Both contain calcium

113. Which one of the following is the best example of desiccant ?

(a) Silica gel

(b) Polystyrene

(c) Sodium chloride

(d) Sodium carbonate

114. Which one of the following was the first mineral acid discovered ?

(a) Sulphuric acid

(b) Hydrochloric acid

(c) Nitric acid

(d) Phosphoric acid

115. The refractive index of fused quartz is 1·46 and that of sapphire is 1·77. If v_q is the speed of light in quartz and v_s is the speed of light in sapphire, then which one of the following relations is correct ?

(a) $v_q > v_s$

(b) $v_s > v_q$

(c) $v_s = v_q$

(d) $v_s = \frac{v_q}{2}$

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102. Which one of the following is NOT a reason of decrease in biodiversity ?

(a) Large scale deforestation

(b) Exploitation of forest produce

(c) Maintaining sacred groves

(d) Encroachment in forest areas

103. Which one of the following is NOT a cause of depletion in groundwater ?

(a) Afforestation

(b) Loss of forests

(c) Excessive pumping of ground water

(d) Construction of large scale concrete buildings

104. Which one of the following types of radiations has the smallest wavelength ?

(a) Microwaves

(b) Infra-red

(c) Visible light

(d) X-rays

105. The instrument used for detecting the presence of electric current in a circuit is

(a) Refractometer

(b) Galvanometer

(c) Viscometer

(d) Diffractometer

106. Which one of the following is the largest composition in biogas ?

(a) Carbon dioxide

(b) Methane

(c) Hydrogen

(d) Hydrogen sulphide

107. The Sun appears reddish during sunrise and sunset. The phenomenon in optics which is responsible for this appearance of the Sun is

(a) Reflection

(b) Total internal reflection

(c) Scattering

(d) Interference

108. A lens has a power of +2·0 Dioptre. Which one of the following statements about the lens is true ?

(a) The lens is concave and has a focal length of 0·5 metre

(b) The lens is convex and has a focal length of 2·0 metre

(c) The lens is convex and has a focal length of 0·5 metre

(d) The lens is concave and has a focal length of 2·0 metre

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95. According to Census of India, 2011, which one among the following is the least populated state in India ?

(a) Maharashtra

(b) Madhya Pradesh

(c) Odisha

(d) Punjab

96. The speakers of major Indian languages belong to how many language families ?

(a) Two

(b) Three

(c) Four

(d) Six

97. Where did Gandhiji initially forge the techniques of *Satyagraha* ?

(a) England

(b) South Africa

(c) North Africa

(d) India

98. Who was the Viceroy of India at the time of Gandhiji's Dandi march ?

(a) Lord Irwin

(b) Lord Linlithgow

(c) Lord Reading

(d) Lord Willingdon

99. Which one among the following American newsmagazines was highly sceptical of Gandhiji's Dandi march initially but within a week completely changed its opinion and saluted him as a Saint and Statesman ?

(a) Saturday Evening Post

(b) Readers Digest

(c) Time

(d) Life

100. In which of the following years were passenger trains introduced in England ?

(a) 1823

(b) 1825

(c) 1848

(d) 1861

101. Which one of the following is NOT a component of human male reproductive system ?

(a) Cervix

(b) Urethra

(c) Seminal vesicle

(d) Vas deferens

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88. Vinegar is also known as

(a) ethanoic acid

(b) nitric acid

(c) sulphuric acid

(d) tartaric acid

89. A liquid is kept in a glass beaker. Which one of the following statements is correct regarding the pressure exerted by the liquid column at the base of the beaker ?

(a) The pressure depends on the area of the base of the beaker

(b) The pressure depends on the height of liquid column

(c) The pressure does not depend on the density of the liquid

(d) The pressure neither depends on the area of the base of the beaker nor on the height of liquid column

90. Which of the following statements is NOT correct regarding the travel of sound waves ?

(a) Sound waves can travel through water

(b) Sound waves can travel through air

(c) Sound waves can travel through steel

(d) Sound waves can travel through vacuum

91. Deendayal Port is located at

(a) Kerala

(b) Gujarat

(c) Maharashtra

(d) Goa

92. Which one of the following cities is associated with Biosafety Protocol to the Convention on Biological Diversity (2000) ?

(a) Geneva

(b) Nairobi

(c) Cartagena

(d) Rio de Janeiro

93. Krishna Raja Sagara Dam/Reservoir is developed on

(a) river Krishna

(b) river Tungabhadra

(c) river Godavari

(d) river Kavery

94. Which one of the following Indian states does NOT share international border with two or more countries ?

(a) Arunachal Pradesh

(b) Assam

(c) Mizoram

(d) Tripura

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82. Which one of the following element's isotope is used in the treatment of cancer ?

(a) Uranium

(b) Cobalt

(c) Sodium

(d) Iodine

83. Which one of the following cell organelles may play a role in expelling excess water and wastes in case of unicellular organisms ?

(a) Lysosome

(b) Vacuole

(c) Golgi body

(d) Endoplasmic reticulum

84. Which one of the following terms describes the practice of growing two or more crops simultaneously on the same piece of land ?

(a) Crop rotation

(b) Mixed cropping

(c) Intercropping

(d) Mixed farming

85. Which one of the following statements is correct about effects of antibiotics on viruses ?

(a) Viruses are "non-living" entities but it can interact with antibiotics

(b) Taking antibiotics cures viral infections

(c) Viruses do not possess metabolic pathways on which antibiotics can function, whereas bacteria have such pathways

(d) Viruses are resistant to antibiotics

86. Chalk and marble are different forms of

(a) Calcium hydrogen carbonate

(b) Calcium carbonate

(c) Calcium acetate

(d) Sodium carbonate

87. The number of maximum electrons in N Shell is

(a) 2

(b) 8

(c) 18

(d) 32

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75. The cost of energy to operate an industrial refrigerator that consumes 5 kW power working 10 hours per day for 30 days will be
(Given that the charge per kW.h of energy = ₹ 4)

(a) ₹ 600

(b) ₹ 6,000

(c) ₹ 1,200

(d) ₹ 1,500

76. Which one of the following statements regarding magnetic field is NOT correct ?

(a) Magnetic field is a quantity that has direction and magnitude

(b) Magnetic field lines are closed curves

(c) Magnetic field lines are open curves

(d) No two magnetic field lines are found to cross each other

77. Which one of the following statements is NOT correct ?

(a) Buckminsterfullerene is an allotrope of carbon

(b) Diamond is a good conductor of electricity

(c) Graphite is a good conductor of electricity

(d) In graphite, each carbon atom is linked to three other carbon atoms

78. How many covalent bonds are present in a Chloropropane molecule having molecular formula, C_3H_7Cl ?

(a) 6

(b) 8

(c) 9

(d) 10

79. Which one of the following is the most fundamental characteristic of an element ?

(a) Melting point

(b) Atomic number

(c) Colour

(d) Atomic weight

80. Neutrons were discovered by

(a) James Chadwick

(b) Ernest Rutherford

(c) J. J. Thomson

(d) John Dalton

81. Atomic mass of an element is equal to the sum of number of

(a) electrons and protons only

(b) protons and neutrons only

(c) electrons and neutrons only

(d) electrons, protons and neutrons

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69. Which of the following statements with regard to Biosphere Reserve is/are correct ?

1. The idea of Biosphere Reserve was initiated by UNESCO in 1973-74
2. There are 18 designated Biosphere Reserves in India
3. All Biosphere Reserves in India have been included in world network of Biosphere Reserves of UNESCO

Select the correct answer using the code given below :

(a) 1 only
(b) 2 only
(c) 1 and 2 only
(d) 1, 2 and 3

70. Which one of the following countries does NOT have direct access to the sea/ocean ?

(a) Syria
(b) Jordan
(c) Azerbaijan
(d) Armenia

71. The correct relation between the radius of curvature R and focal length f of a spherical mirror is

(a) $R = f$
(b) $R = 2f$
(c) $R = 3f$
(d) $R = 4f$

72. A lemon kept in water in a glass tumbler appears to be larger than its actual size. It is because of

(a) reflection of light
(b) scattering of light
(c) refraction of light
(d) polarization of light

73. Light enters the eye through a thin membrane called

(a) retina
(b) cornea
(c) pupil
(d) iris

74. Name the scientist who first used a glass prism to obtain the spectrum of sunlight

(a) C. V. Raman
(b) Lord Rayleigh
(c) Isaac Newton
(d) S. Chandrasekhar

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63. Which one among the following was NOT a *Panch Sheel* principle ?

(a) Peaceful Co-existence

(b) Mutual respect for territorial integrity

(c) Nuclear deterrence

(d) Non-interference in internal affairs

64. Who among the following had organised, in 1904, a secret society of revolutionaries named *Abhinav Bharat* ?

(a) Khudiram Bose

(b) Shyamji Krishna Verma

(c) Har Dayal

(d) V D Savarkar

65. The principle that the framing of the new Constitution for independent India should be primarily (though not solely) the responsibility of Indians themselves, was for the first time conceded in the

(a) Government of India Act, 1935

(b) August Offer of Viceroy Linlithgow

(c) Cripps Proposals

(d) Cabinet Mission

66. Which one of the following is a major environmental issue in eastern Canada ?

(a) Acid precipitation

(b) Groundwater depletion

(c) Land degradation

(d) Desertification

67. Which one of the following mountains lies in between Caspian Sea and Black Sea ?

(a) Caucasus

(b) Carpathians

(c) Apennine

(d) Elburz

68. Bagalihar, Dulhasti and Salal hydro power projects have been developed on which of the following rivers ?

(a) Chenab and Jhelum

(b) Chenab and Indus

(c) Ravi

(d) Chenab only

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58. Which one of the following is the natural vegetation of South east China ?

(a) Subtropical broadleaf evergreen forest

(b) Tropical broadleaf evergreen forest

(c) Tropical deciduous forest

(d) Temperate evergreen forest

59. Which one of the following is a cold local wind ?

(a) Santa Ana

(b) Chinook

(c) Mistral

(d) Loo

60. What was the consequence of Permanent Settlement on rural society in Bengal ?

(a) The zamindars invested capital and enterprise to improve agriculture along lines of British yeoman farmers

(b) A group of rich peasants known as jotedars succeeded in consolidating their position in the villages

(c) The ryots prospered as a result of fixed revenue levy imposed on them

(d) The system of Collectorate introduced by the Company for exercising supervisory control on zamindars failed to take off

61. What was *Damin-i Koh* in Rajmahal area ?

(a) A large area of land demarcated and declared to be the land of the Santhals

(b) The land of the Paharias cultivated exclusively for paddy

(c) The British territory marked for their military camp

(d) The land earmarked for locating settled agriculturists

62. Which one of the following statements about the Revolt of 1857 is correct ?

(a) It was a Revolt carefully organised and planned by the Rajas, Nawabs and Taluqdars

(b) Rumours and prophecies did not play any role in its outbreak and spread

(c) The rebel proclamations in 1857 repeatedly appealed to all sections of the population irrespective of their caste and creed.

(d) The British succeeded in quickly and easily controlling the rebels

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PART – B

51. The Panama Canal opened in 1914, links

(a) Red Sea and Mediterranean Sea

(b) Atlantic Ocean and Pacific Ocean

(c) Indian Ocean and Pacific Ocean

(d) Adriatic Sea and Black Sea

52. The United Nations Charter was signed by 51 original members of the United Nations in 1945 at the

(a) Hague Conference

(b) London Conference

(c) San Francisco Conference

(d) Berlin Conference

53. Land Revenue Records maintained in India have categorized land-use into

(a) 6 categories

(b) 9 categories

(c) 15 categories

(d) 21 categories

54. Dry land farming in India is largely confined to areas with rainfall less than

(a) 100 cm

(b) 85 cm

(c) 80 cm

(d) 75 cm

55. For an area to be excluded from the drought-prone category, what percentage of its gross cropped area should be under irrigation ?

(a) 10 per cent or more

(b) 20 per cent or more

(c) 25 per cent or more

(d) 30 per cent or more

56. Which one of the following is NOT a current of Pacific Ocean ?

(a) Oyashio current

(b) Alaska current

(c) Agulhas current

(d) California current

57. The duration of monsoon in India extends for an average period of

(a) 80 – 140 days

(b) 100 – 120 days

(c) 90 – 130 days

(d) 100 – 140 days

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47. adversity without succumbing (P) to the clouds of doubt and jealousy (Q) between friends which is subjected to both prosperity and (R) the essay 'Of Friendship' by Francis Bacon celebrated the intimacy (S)

(a) P R Q S
(b) Q R P S
(c) S R P Q
(d) P Q R S

48. friends without which the world is (P) make friends and a person wills to want true (Q) it is miserable solitude that compels a person to (R) nothing other than a place of wilderness (S)

(a) P R Q S
(b) Q R P S
(c) R Q P S
(d) P Q R S

49. takes the longest (P) that never started (Q) the job (R) to finish (S)

(a) P R Q S
(b) R Q P S
(c) S Q R P
(d) P Q R S

50. to what you can create (P) control, shift your energy (Q) instead of worrying about (R) what you cannot (S)

(a) P R S Q
(b) Q R S P
(c) S Q R P
(d) R S Q P

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44. the element heats up, (P) eventually reaching high temperatures (Q) glowing like a dark orange that radiates (R) the visible range, (S)

(a) P Q S R

(b) Q P S R

(c) S Q R P

(d) P R S Q

45. two people argue about why Venus is so much warmer (P) to the Sun, so it absorbs more solar energy. The second argues (Q) that it's because Venus has a thick, greenhouse-gas rich atmosphere (R) than the Earth. The first argues that it's because Venus is closer (S)

(a) P S Q R

(b) Q R P S

(c) S Q R P

(d) P Q R S

46. are now used by more than a thousand firms (P) and are growing in popularity (Q) in the United States and Europe (R) gain sharing-plans (S).

(a) P R Q S

(b) Q R P S

(c) P R S Q

(d) S P R Q

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ORDERING OF WORDS IN A SENTENCE

Directions :

Each of the following items in this section consists of a sentence(s), the parts of which have been jumbled. These parts have been labelled as P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to rearrange the jumbled parts of the sentence and mark your response accordingly.

41. several years ago, (P) course on climate change at Texas A&M University (Q) Professor Andrew Dessler created an introductory (R) for freshmen and sophomores (S)

(a) P R Q S
(b) Q R P S
(c) S Q R P
(d) P Q R S

42. I realize that solving the climate change problem (P) than solving (Q) will be much harder (R) the ozone depletion problem (S)

(a) P R Q S
(b) Q R P S
(c) S Q R P
(d) P Q R S

43. although the temperature of this layer of the (P) when directly comparing the satellite (Q) measurements of temperature (R) atmosphere should generally track the surface temperature, we must be careful (S)

(a) P R Q S
(b) P S Q R
(c) S Q R P
(d) P Q R S

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35. Temperature is a measure of internal energy of an object and is frequently expressed by physicists in units of Kelvin.

(a) found

(b) told

(c) distributed

(d) concealed

36. People argue about why Venus is so much warmer than the Earth.

(a) friendlier

(b) colder

(c) wilder

(d) heavier

37. Scientists are concerned whether the oceans and land biosphere will take up as much carbon in the future as they presently do.

(a) worried

(b) indifferent

(c) curious

(d) puzzled

38. The biggest debate among scientists today is about *cloud feedback*.

(a) contend

(b) moot

(c) wrangle

(d) agreement

39. The Earth's climate sensitivity is conventionally defined as the equilibrium temperature increase caused by a doubling of carbon dioxide.

(a) imperviousness

(b) willingness

(c) responsiveness

(d) closeness

40. The oceans carry a huge amount of heat from the tropics to the high latitudes.

(a) significant

(b) major

(c) tiny

(d) dormant

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27. There is no cure _____ the common cold.

(a) for
(b) of
(c) to
(d) on

28. I ran _____ John yesterday, and it was a pleasant surprise.

(a) by
(b) off
(c) beside
(d) into

29. My grandmother enjoyed boating _____ the lovely lake.

(a) in
(b) on
(c) beside
(d) within

30. He visits the needy to relieve them _____ their sufferings and poverty.

(a) from
(b) off
(c) of
(d) on

ANTONYMS

Directions :

Each item in this section consists of a sentence with an underlined word followed by four words. Select the option that is **opposite in meaning** to the underlined word and mark your response on your Answer Sheet accordingly.

31. He nodded <u>absently</u> throughout the meeting.

(a) capably
(b) alertly
(c) agitatedly
(d) dreamily

32. I fully believe that the cornerstone of good policy is an electorate that is <u>educated</u> on the national issues.

(a) cerebral
(b) enlightened
(c) ignorant
(d) erudite

33. For <u>important</u> medical decisions, even finding a doctor you trust is not enough.

(a) significant
(b) trivial
(c) basic
(d) probable

34. Planets <u>move</u> in their orbits.

(a) push
(b) rotate
(c) stall
(d) flow

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19. The media went into a frenzy about the case.

(a) silent

(b) creative

(c) berserk

(d) wrong

20. He has been yearning to go home.

(a) declining

(b) demanding

(c) begging

(d) hankering

PREPOSITIONS

Directions :

Each item in this section has a sentence with a missing preposition. Select the correct preposition from the given options and mark your response on your Answer Sheet accordingly.

21. Simulations of the 20th century by climate models that exclude the observed increase _____ greenhouse gases fail to simulate the increase in temperature over the second half of the 20th century.

(a) of

(b) in

(c) by

(d) to

22. In extremely poor societies, children can be put to work _____ a young age and are therefore a source of income.

(a) in

(b) on

(c) by

(d) at

23. People who are averse _____ hard work generally do not succeed in life.

(a) to

(b) about

(c) at

(d) on

24. I have known her _____ a long time.

(a) since

(b) for

(c) at

(d) before

25. I accepted the offer _____ certain conditions.

(a) on

(b) in

(c) by

(d) within

26. She is a woman _____ humble origin.

(a) off

(b) of

(c) from

(d) within

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SYNONYMS

Directions :

Each item in this section consists of a sentence with an underlined word/words followed by four words. Select the option that is **nearest in meaning** to the underlined word and mark your response on your Answer Sheet accordingly.

11. She got the divorce within no time.

(a) detachment

(b) breaking down

(c) annulment

(d) punishment

12. He was known for his gentle disposition.

(a) harmful

(b) amiable

(c) cunning

(d) adjusting

13. The harder we kick, the better the ball bounces back.

(a) recoils

(b) deflates

(c) inflates

(d) ascends

14. I plan and execute.

(a) desire

(b) debate

(c) accomplish

(d) discard

15. He listened to me with equanimity.

(a) carelessly

(b) excitedly

(c) patiently

(d) half-heartedly

16. The whole thing was a futile exercise.

(a) costly

(b) pointless

(c) indecisive

(d) successful

17. He was too cunning for her.

(a) capable

(b) fit

(c) intelligent

(d) dodgy

18. This decision is crucial for me.

(a) momentous

(b) natural

(c) primitive

(d) inept

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PART – A

SPOTTING ERRORS

Directions :

Each item in this section has a sentence with three underlined parts labelled as (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response on the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

1. This building (a) comprises of six houses, (b) three parking lots and one basement. (c) No error. (d)

2. I look forward (a) to meet (b) you. (c) No error. (d)

3. I cannot (a) cope up (b) with this pressure. (c) No error. (d)

4. I came (a) to this place (b) by walk. (c) No error. (d)

5. What is (a) the time (b) in your watch ? (c) No error. (d)

6. The price of my dress (a) is higher than that of (b) yours. (c) No error. (d)

7. My friend's (a) daughter-in-laws (b) have come. (c) No error. (d)

8. I prefer (a) seafood (b) than Mediterranean food. (c) No error. (d)

9. We were (a) discussing about (b) the issue. (c) No error. (d)

10. Dispose off (a) the garbage (b) from the shelves. (c) No error. (d)

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जब तक आपको यह परीक्षण पुस्तिका खोलने को न कहा जाए तब तक न खोलें

टी.बी.सी. : KJU-F-GTA

परीक्षण पुस्तिका अनुक्रम

D

प्रश्न संख्या

0331384

परीक्षण पुस्तिका

सामान्य योग्यता परीक्षण

समय : दो घण्टे और तीस मिनट

पूर्णांक : 600

अनुदेश

1. परीक्षा प्रारम्भ होने के तुरन्त बाद, आप इस परीक्षण पुस्तिका की पड़ताल अवश्य कर लें कि इसमें कोई बिना छपा, फटा या छूटा हुआ पृष्ठ अथवा प्रश्नांश, आदि न हों । यदि ऐसा है, तो इसे सही परीक्षण पुस्तिका से बदल लीजिए ।
2. कृपया ध्यान रखें कि OMR उत्तर-पत्रक में, उचित स्थान पर, रोल नम्बर और परीक्षण पुस्तिका अनुक्रम A, B, C या D को, ध्यान से एवं बिना किसी चूक या विसंगति के भरने और कूटबद्ध करने की जिम्मेदारी उम्मीदवार की है । किसी भी प्रकार की चूक/विसंगति की स्थिति में उत्तर-पत्रक निरस्त कर दिया जाएगा ।
3. इस परीक्षण पुस्तिका पर साथ में दिए गए कोष्ठक में आपको अपना अनुक्रमांक लिखना है । परीक्षण पुस्तिका पर *और कुछ न* लिखें । 2630872
4. इस परीक्षण पुस्तिका में 150 प्रश्नांश (प्रश्न) दो भागों में दिए गए हैं : भाग – A और भाग – B । *भाग – B में प्रत्येक प्रश्नांश हिन्दी और अंग्रेजी दोनों में छपा है* । प्रत्येक प्रश्नांश में चार प्रत्युत्तर (उत्तर) दिए गए हैं । इनमें से एक प्रत्युत्तर को चुन लें, जिसे आप उत्तर-पत्रक पर अंकित करना चाहते हैं । यदि आपको ऐसा लगे कि एक से अधिक प्रत्युत्तर सही हैं, तो उस प्रत्युत्तर को अंकित करें जो आपको सर्वोत्तम लगे । प्रत्येक प्रश्नांश के लिए केवल *एक ही* प्रत्युत्तर चुनना है ।
5. आपको अपने सभी प्रत्युत्तर अलग से दिए गए उत्तर-पत्रक पर ही अंकित करने हैं । उत्तर-पत्रक में दिए गए निर्देश देखिए ।
6. *सभी* प्रश्नांशों के अंक समान हैं ।
7. इससे पहले कि आप परीक्षण पुस्तिका के विभिन्न प्रश्नांशों के प्रत्युत्तर उत्तर-पत्रक पर अंकित करना शुरू करें, आपको प्रवेश प्रमाण-पत्र के साथ प्रेषित अनुदेशों के अनुसार कुछ विवरण उत्तर-पत्रक में देने हैं ।
8. आप अपने सभी प्रत्युत्तरों को उत्तर-पत्रक में भरने के बाद तथा परीक्षा के समापन पर केवल उत्तर-पत्रक अधीक्षक को सौंप दें । आपको अपने साथ परीक्षण पुस्तिका ले जाने की अनुमति है ।
9. कच्चे काम के लिए पत्रक, परीक्षण पुस्तिका के अंत में संलग्न हैं ।
10. गलत उत्तरों के लिए दण्ड :

वस्तुनिष्ठ प्रश्न-पत्रों में उम्मीदवार द्वारा दिए गए गलत उत्तरों के लिए दण्ड दिया जाएगा ।

(i) प्रत्येक प्रश्न के लिए चार वैकल्पिक उत्तर हैं । उम्मीदवार द्वारा प्रत्येक प्रश्न के लिए दिए गए एक गलत उत्तर के लिए प्रश्न हेतु नियत किए गए अंकों का एक-तिहाई दण्ड के रूप में काटा जाएगा ।

(ii) यदि कोई उम्मीदवार एक से अधिक उत्तर देता है, तो इसे गलत उत्तर माना जाएगा, यद्यपि दिए गए उत्तरों में से एक उत्तर सही होता है, फिर भी उस प्रश्न के लिए उपर्युक्तानुसार ही, उसी तरह का दण्ड दिया जाएगा ।

(iii) यदि उम्मीदवार द्वारा कोई प्रश्न हल नहीं किया जाता है, अर्थात् उम्मीदवार द्वारा उत्तर नहीं दिया जाता है, तो उस प्रश्न के लिए कोई दण्ड नहीं दिया जाएगा ।

जब तक आपको यह परीक्षण पुस्तिका खोलने को न कहा जाए तब तक न खोलें

Note : English version of the instructions is printed on the back cover of this Booklet.

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