1. Under whose Chairmanship was the National Planning Committee set up in 1938?

(A) Subhas Chandra Bose

(B) Jawaharlal Nehru

(C) Dr. Rajendra Prasad

(D) More than one of the above

(E) None of the above

2. Who was the author of the book, *Mahatma Gandhi and Bihar : Some Reminiscences* ?

(A) Dr. Rajendra Prasad

(B) Jivatram Bhagwandas Kripalani

(C) Syed Ali Zaheer

(D) More than one of the above

(E) None of the above

3. Under the influence of which revolution, the people of Bihar denied to pay 'Chaukidari Tax'?

(A) Civil Disobedience Movement

(B) Quit India Movement

(C) Non-Cooperation Movement

(D) More than one of the above

(E) None of the above

4. The female freedom fighter popularly known as the 'Grand Old Lady' of the Independence Movement was

(A) Gulab Kaur

(B) Bishni Devi Shah

(C) Aruna Asaf Ali

(D) More than one of the above

(E) None of the above

5. At which place, B. G. Tilak organized 'Home Rule League' in 1916?

(A) Bombay

(B) Nagpur

(C) Poona

(D) More than one of the above

(E) None of the above

6. Who was related to the publishing of a weekly Hindi journal, *Hunkar*?

(A) Rahul Sankrityayan

(B) Sahajanand Saraswati

(C) Yamuna Karjee

(D) More than one of the above

(E) None of the above

7. Which English General showed tribute to Rani of Jhansi saying that "Here lay the woman who was the only man among the rebels"?

(A) Campbell

(B) Hudson

(C) Hugh Rose

(D) More than one of the above

(E) None of the above

8. Who was the Labour Minister in Jawaharlal Nehru's Provisional Government?

(A) C. Rajagopalachari

(B) Jagjivan Ram

(C) Aruna Asaf Ali

(D) More than one of the above

(E) None of the above

9. In which month of 1918 was the 'Champaran Agrarian Act' passed against the European indigo planters?

(A) May

(B) November

(C) February

(D) More than one of the above

(E) None of the above
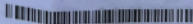
10. Which one of the following statements is correct?

(A) Brahma Dutt was the second Satyagrahi in the Individual Satyagraha.

(B) *The Indian Struggle* was written by Subhas Chandra Bose.

(C) *A Bunch of Old Letters* was written by Dr. Rajendra Prasad.

(D) More than one of the above

(E) None of the above

11. Which tribe of Bihar attended Gaya Session of Congress?

(A) Santhal

(B) Sannyasi

(C) Oraon

(D) More than one of the above

(E) None of the above

12. Which of the following pairs is *not* correctly matched?

(A) *Young India*— Mahatma Gandhi

(B) *Indian Spectator*— Surendranath Banerjee

(C) *Advocate of India*— Dadabhai Naoroji

(D) More than one of the above

(E) None of the above

13. Which of the following movements was led and successful under the leadership of Sardar Vallabhbhai Patel?

(A) Satyagraha of workers of cotton mills, Ahmedabad, Gujarat

(B) Satyagraha of Bardoli, Gujarat

(C) Satyagraha in support of Khadi peasants, Gujarat

(D) More than one of the above

(E) None of the above

14. With reference to India and Great Depression started in 1929, which of the following statements is correct?

(A) The depression adversely affected Indian peasants, farmers, export and import.

(B) The impact of depression on India indicates that how integrated the global economy had become by early 20th century.

(C) The depression adversely affected Indian trade.

(D) More than one of the above

(E) None of the above

15. The validity of the order of the Government of India of 13th August, 1990, for the reservation to socially and educationally backward classes, was decided in which of the following years?

(A) 1992

(B) 1993

(C) 1991

(D) More than one of the above

(E) None of the above

16. As per Angus Maddison's book, *The World Economy : Historical Statistics*, what was the contribution of Bharat (India), in percentage, in world GDP (PPP) during ancient times?

(A) 20%

(B) 12%

(C) 32%

(D) More than one of the above

(E) None of the above

17. Match List–I with List–II and select the correct answer using the codes given below the Lists :

List—I	List—II
(Names of the Acts for the welfare of women in India)	*(Related years of the Acts)*
a. The Special Marriage Act	1. 1976
b. The Dowry Prohibition Act	2. 1954
c. The Equal Remuneration Act	3. 1986
d. The Indecent Representation of Women (Prohibition) Act	4. 1961

Codes :

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

(D) More than one of the above

(E) None of the above

18. Which of the following basic values was accepted by all leaders much before the Constituent Assembly met to deliberate on the Constitution of India?

(A) The Right of Freedom and Equality

(B) The Protection of Rights of Minorities

(C) The Universal Adult Franchise

(D) More than one of the above

(E) None of the above

19. Who wrote the book, *The Beautiful Tree : Indigenous Indian Education in the Eighteenth Century*?

(A) Tilak

(B) Gandhi

(C) Dharampal

(D) More than one of the above

(E) None of the above

20. Which of the following is assured mainly by the 'fraternity' in the Preamble of the Constitution of India?

(A) The unity and integrity of the nation

(B) The justice, liberty and equality of the citizens

(C) The dignity of the individual

(D) More than one of the above

(E) None of the above

21. Who among the following said, "Indian judiciary suffers from luxurious litigation"?

(A) Ranjan Gogoi

(B) N. V. Ramana

(C) Dipak Misra

(D) More than one of the above

(E) None of the above

22. Match List–I with List–II and select the correct answer using the codes given below the Lists :
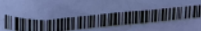
List—I (Names of Slogans)	List—II (Related Political Parties/Politicians)
a. Garibi Hatao	1. Left Front
b. Save Democracy	2. Indira Congress
c. Land to the Tiller	3. Janata Party
d. Protect the Self-respect of Telugus	4. N. T. Rama Rao

Codes :

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

(D) More than one of the above

(E) None of the above

23. Which of the following was formed under the influence of Russian Revolution and USSR?

(A) The Conference of the Peoples of the East (1920)

(B) The Comintern

(C) The Communist Party of Great Britain

(D) More than one of the above

(E) None of the above

24. Who said, "The basic cause of problems facing Bharat is the neglect of its national identity"?

(A) Keshav Baliram Hedgewar

(B) Madhav Sadashiv Golwalkar

(C) Deen Dayal Upadhyay

(D) More than one of the above

(E) None of the above

25. Which of the following was the major demand of peasants participating in Non-Cooperation Movement?

(A) Abolition of beggar

(B) Open the entry of peasants in the forest areas to graze their cattles, collect fuel wood and fruits

(C) Reduction of revenue

(D) More than one of the above

(E) None of the above

26. Montesquieu proposed a division of powers within the government between legislature, executive and judiciary in which of the following books by him?

(A) *My Thoughts*

(B) *Lettres Persanes*

(C) *The Spirit of the Laws*

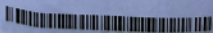(D) More than one of the above

(E) None of the above

27. Which of the following was the main cause of deforestation during the British rule in India?

(A) To meet the demand of planned forests and plantation of tea and coffee

(B) To improve land to meet the demand of expanded cultivation

(C) To meet the demand of sleepers on the railway tracks and supply of timbers for the Royal Navy

(D) More than one of the above

(E) None of the above

28. Which organization of India has the motto, "Dharmo Rakshati Rakshitah (law protects when it is protected)"?

(A) The Indian Army

(B) The Indian Supreme Court

(C) The Research and Analysis Wing

(D) More than one of the above

(E) None of the above

29. Which of the following are constituents of an ecosystem?

(A) Plants

(B) Microorganisms

(C) Animals

(D) More than one of the above

(E) None of the above

30. Which of the following gases is produced from landfills?

(A) Methane

(B) Liquefied petroleum gas

(C) Sulphur dioxide

(D) More than one of the above

(E) None of the above

31. Which of the following represent the food chain in a forest?

(A) Plants, frog, snake

(B) Plants, weeds, fish

(C) Plants, deer, lion

(D) More than one of the above

(E) None of the above

32. In the environment, plastics will not be decomposed by the action of

(A) saprophyte

(B) parasite

(C) bacteria

(D) More than one of the above

(E) None of the above

33. Energy sources that do not increase carbon emissions include

(A) windmills

(B) nuclear power plants

(C) solar cells

(D) More than one of the above

(E) None of the above

34. Branching series in a food chain is called

(A) food level

(B) food web

(C) food system

(D) More than one of the above

(E) None of the above

35. The green plants capture _____ of the sunlight energy and convert it into food energy.

(A) 2%

(B) 1%

(C) 5%

(D) More than one of the above

(E) None of the above

36. The Chipko Movement was strengthened under the leadership of

(A) Medha Patkar

(B) Sunderlal Bahuguna

(C) Amrita Devi Bishnoi

(D) More than one of the above

(E) None of the above

37. _____ are present in the first trophic level in the food chain.
   (A) Primary consumers
   (B) Tertiary consumers
   (C) Autotrophs
   (D) More than one of the above
   (E) None of the above

38. Which one of the following is **not** a gaseous biogeochemical cycle in ecosystem?
   (A) Oxygen cycle
   (B) Nitrogen cycle
   (C) Phosphorus cycle
   (D) More than one of the above
   (E) None of the above

39. Which of the following organisms convert inorganic substances into organic compounds using sunlight in the presence of chlorophyll?
   (A) Certain bacteria
   (B) Animals
   (C) Autotrophs
   (D) More than one of the above
   (E) None of the above

40. Which of the following has higher energy level and shorter wavelength?
   (A) Ultraviolet radiation
   (B) Visible radiation
   (C) Infrared radiation
   (D) More than one of the above
   (E) None of the above

41. The process of progressive chemical accumulation of non-degradable chemicals at each trophic level is known as
   (A) morphological magnification
   (B) thermogenic magnification
   (C) biological magnification
   (D) More than one of the above
   (E) None of the above

42. The carrying capacity of a population is determined by its
   (A) natality
   (B) limiting resources
   (C) population growth rate
   (D) More than one of the above
   (E) None of the above

43. Methaemoglobinaemia is caused by the drinking of water contaminated with
   (A) cadmium
   (B) phosphate
   (C) nitrate
   (D) More than one of the above
   (E) None of the above

44. The flow of energy in an ecosystem is
   (A) unidirectional
   (B) tridirectional
   (C) multidirectional
   (D) More than one of the above
   (E) None of the above

45. The word CODE is coded as 15161991 and STEP is coded as 18769122. Then SPOTE is coded as

(A) 1822167691

(B) 1816227691

(C) 1822761691

(D) More than one of the above

(E) None of the above

46. The area of a circle is $40\pi^2$. The area of a square with sides equal to radius of the circle is

(A) $4\pi^2$

(B) 40π

(C) 4π

(D) More than one of the above

(E) None of the above

47. Select the odd word in the group :

Book, Paper, Pencil, Pen, Eraser

(A) Pencil

(B) Eraser

(C) Book

(D) More than one of the above

(E) None of the above

48. If in English alphabet, $A = 1$, $D = 2$, $P = 4$, then which of the following denotes 3?
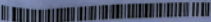
(A) I

(B) J

(C) H

(D) More than one of the above

(E) None of the above

49. Two numbers are in the ratio 21:10. If their HCF is 11, then the sum of the numbers is

(A) 141

(B) 241

(C) 341

(D) More than one of the above

(E) None of the above

50. A profit of 10% is made when a smartphone is sold at P rupees and there is 4% loss when the smartphone is sold at Q rupees. Then $P:Q$ is

(A) 45:34

(B) 110:96

(C) 55:48

(D) More than one of the above

(E) None of the above

51. In how many different ways can the letters of the word EDUCATION be arranged so that the vowels come together?

(A) 14400

(B) 12100

(C) 7200

(D) More than one of the above

(E) None of the above

52. Arrange the following fractions in ascending order :

$$\frac{13}{18}, \frac{29}{36}, \frac{41}{45}, \frac{51}{60}$$

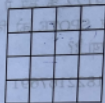(A) $\frac{13}{18} < \frac{51}{60} < \frac{29}{36} < \frac{41}{45}$

(B) $\frac{51}{60} < \frac{41}{45} < \frac{29}{36} < \frac{13}{18}$

(C) $\frac{13}{18} < \frac{29}{36} < \frac{51}{60} < \frac{41}{45}$

(D) More than one of the above

(E) None of the above

53. How many squares are there in the given figure?

(A) 30

(B) 32

(C) 25

(D) More than one of the above

(E) None of the above

54. A man fills a basket with eggs in such a way that the number of eggs added on each successive day is the same as the number already present in the basket. This way the basket gets completely filled in 24 days. After how many days, the basket was one-fourth full?

(A) 12

(B) 22

(C) 6

(D) More than one of the above

(E) None of the above

55. The sum of two numbers is 480. If the bigger number is decreased by 2% and the smaller number is increased by 10%, then the numbers obtained are equal. The larger number is approximately

(A) $\dfrac{3300}{13}$

(B) $\dfrac{3120}{13}$

(C) $\dfrac{3320}{13}$

(D) More than one of the above

(E) None of the above

56. The next number in the finite sequence

486, 324, 216, 144, ...

is

(A) 76

(B) 36

(C) 96

(D) More than one of the above

(E) None of the above

57. Which number should replace '?' in the following series?

240, 120, ?, 180, 360, 900

(A) 130

(B) 150

(C) 120

(D) More than one of the above

(E) None of the above

58. The term in the blank

_____ : FICTION :: GRIND : BMDIY

is

(A) KNHYNTS

(B) IMGXMSR

(C) LOIZOUT

(D) More than one of the above

(E) None of the above

59. There are 5 routes to go from Prayagraj to Patna and 4 routes to go from Patna to Kolkata. How many ways are possible for going from Prayagraj to Kolkata via Patna?

(A) 20

(B) 54

(C) 45

(D) More than one of the above

(E) None of the above

60. Select the most suitable statement.

(A) No circle is hyperbola.

(B) Every square is a rectangle.

(C) Every circle is an ellipse.

(D) More than one of the above

(E) None of the above

61. In a club, all the members participate either in Tambola or in Rummy. 320 participate in Rummy, 350 participate in Tambola and 220 participate in both. How many members does the club have?

(A) 445

(B) 450

(C) 440

(D) More than one of the above

(E) None of the above

62. The sum of the reciprocals of A's ages (in years) 2 years ago and 2 years from now is $\frac{2}{3}$. The present age of A is

(A) 7 years

(B) 4 years

(C) 5 years

(D) More than one of the above

(E) None of the above

63. For what value of k, the system of equations

$$x - ky = 2 \text{ and } 3x + 2y = -5$$

has a unique solution?

(A) 1

(B) 2

(C) $-\frac{2}{3}$

(D) More than one of the above

(E) None of the above

64. The radius of a circle is 14 cm and the area of a sector is 102.7 cm^2. The central angle of the sector is

(A) 60°

(B) 45°

(C) 30°

(D) More than one of the above

(E) None of the above

65. What is the compound interest of ₹ 15,625 for 9 months when the rate of interest is 16% per annum and the interest is payable quarterly?

(A) ₹ 1,951

(B) ₹ 2,051

(C) ₹ 1,961

(D) More than one of the above

(E) None of the above

66. If the product of the roots of the equation $3kx^2 - 25kx + k + 8 = 0$ is 3, then k is

(A) 4

(B) 3

(C) 1

(D) More than one of the above

(E) None of the above

67. The value of $\log_{\sqrt{2}}(32)$ is

(A) 5

(B) 10

(C) $\dfrac{5}{2}$

(D) More than one of the above

(E) None of the above

68. The altitude of a right-angled triangle is 6 cm less than its base. If the hypotenuse is $\sqrt{218}$ cm, the other two sides (in cm) are

(A) 9 and 15

(B) 10 and 16

(C) 5 and 11

(D) More than one of the above

(E) None of the above

69. If $\sqrt{\left(1+\dfrac{27}{169}\right)} = \left(1+\dfrac{x}{13}\right)$, then the value of x is

(A) $-\dfrac{14}{13}$

(B) -27

(C) 1

(D) More than one of the above

(E) None of the above

70. The radius of a solid sphere of some metal is 3 cm. How long a wire of diameter 4 mm can be drawn from it?

(A) 9 m

(B) 9·1 m

(C) 8·8 m

(D) More than one of the above

(E) None of the above

71. On selling 30 chairs, a furniture seller gets a loss equal to selling price of 6 chairs. His loss percent is

(A) $16\frac{1}{3}$

(B) $16\frac{2}{3}$

(C) 16

(D) More than one of the above

(E) None of the above

72. The product of the digits of a two-digit number is 36. If 45 is subtracted from the number, then the digits interchange mutually. The number is

(A) 73

(B) 49

(C) 84

(D) More than one of the above

(E) None of the above

73. If $a+b+c=0$, then what is the value of $\frac{a^2}{bc}+\frac{b^2}{ca}+\frac{c^2}{ab}$?

(A) 2

(B) 3

(C) 1

(D) More than one of the above

(E) None of the above

74. The solution of $4^{x+1}+4^{1-x}=10$ is

(A) $\frac{1}{2}$

(B) 0

(C) $-\frac{1}{2}$

(D) More than one of the above

(E) None of the above

75. On dividing x^3-3x^2+x+2 by a polynomial $g(x)$, the quotient and remainder are (x^2-x+1) and $(-2x+4)$ respectively. Then $g(x)$ is

(A) x^2+x+1

(B) x^2-1

(C) $x-2$

(D) More than one of the above

(E) None of the above

76. A toy is in the form of a cone mounted on a hemisphere of diameter 7 cm. The total height of the toy is 14·5 cm. Then the volume of the toy is $\left(\pi=\frac{22}{7}\right)$

(A) $331\,\text{cm}^3$

(B) $131\,\text{cm}^3$

(C) $231\,\text{cm}^3$

(D) More than one of the above

(E) None of the above

77. The process where the characteristics are transmitted from parents to offsprings is called

(A) heredity

(B) gene

(C) variation

(D) More than one of the above

(E) None of the above

78. The point to be kept in mind for verification of Ohm's law is

(A) ammeter should be connected in series and voltmeter in parallel

(B) ammeter should be connected in parallel and voltmeter in series

(C) ammeter and voltmeter should be connected in series

(D) More than one of the above

(E) None of the above

79. What happens when dilute hydrochloric acid is added to iron filings?

(A) Chlorine gas and iron hydroxide are produced

(B) No reaction takes place

(C) Hydrogen gas and iron chloride are produced

(D) More than one of the above

(E) None of the above

80. The best method to prevent flood is

(A) afforestation

(B) deforestation

(C) grazing

(D) More than one of the above

(E) None of the above

81. Food cans are coated with tin and not with zinc because

(A) zinc has a higher melting point than tin

(B) zinc is more reactive than tin

(C) zinc is costlier than tin

(D) More than one of the above

(E) None of the above

82. Which of the functions is performed by the ovaries?

(A) Secretion of progesterone

(B) Secretion of estrogen

(C) Formation of ovum

(D) More than one of the above

(E) None of the above

83. Which acid is present in tamarind?

(A) Tartaric acid

(B) Lactic acid

(C) Methanoic acid

(D) More than one of the above

(E) None of the above

84. Coliforms are

(A) bacteria present in hot springs

(B) bacteria present in frigid environment

(C) bacteria present in the digestive tract of animals

(D) More than one of the above

(E) None of the above

85. Which instrument is used for measuring electric potential?

(A) Galvanometer

(B) Voltmeter

(C) Potentiometer

(D) More than one of the above

(E) None of the above

86. Magnetic field is a

(A) vector quantity

(B) dimensionless quantity

(C) scalar quantity

(D) More than one of the above

(E) None of the above

87. A man pushes more weight on the Earth at

(A) standing position

(B) lying position

(C) sitting position

(D) More than one of the above

(E) None of the above

88. The coloured light that refracts most while passing through a prism is

(A) violet

(B) blue

(C) yellow

(D) More than one of the above

(E) None of the above

89. A piece of ice is dropped in a vessel containing kerosene oil. When ice melts, the level of kerosene oil will

(A) fall

(B) remain same

(C) rise

(D) More than one of the above

(E) None of the above

90. The pH of which of the following is more than 7?

(A) Blood plasma

(B) Vinegar

(C) Gastric juice

(D) More than one of the above

(E) None of the above

91. The focal length of normal eye lens is about

(A) 25 cm

(B) 2 cm

(C) 1 mm

(D) More than one of the above

(E) None of the above

92. Which substance is formed by the action of chlorine gas on dry slaked lime?

(A) Bleaching powder

(B) Hydrochloric acid

(C) Calcium chloride

(D) More than one of the above

(E) None of the above

93. Which of the following countries is the member of the recently formed '12U2 Grouping'?

(A) Israel

(B) UAE

(C) India

(D) More than one of the above

(E) None of the above

94. On March 17, 2023, the International Criminal Court (ICC) issued arrest warrant against

(A) US President Joe Biden

(B) Chinese President Xi Jinping

(C) Russian President Vladimir Putin

(D) More than one of the above

(E) None of the above

95. The third Forum for India-Pacific Islands Cooperation (FIPIC) Summit was held in

(A) Namibia

(B) Brazil

(C) Papua New Guinea

(D) More than one of the above

(E) None of the above

96. Rowan Wilson has been appointed as the first black Chief Judge of which city?

(A) Chicago

(B) New York

(C) Washington

(D) More than one of the above

(E) None of the above

97. A Parliamentary Committee of which of the following countries recently recommended that India should be made part of the 'NATO Plus' Grouping?

(A) USA

(B) Germany

(C) UK

(D) More than one of the above

(E) None of the above

98. The International Booker Prize, 2023 has been awarded to

(A) Margaret Atwood

(B) Aravind Adiga

(C) Georgi Gospodinov

(D) More than one of the above

(E) None of the above

99. Who is the new Chief Executive Officer (CEO) of Twitter?

(A) Linda Yaccarino

(B) Parag Agrawal

(C) Elon Musk

(D) More than one of the above

(E) None of the above

100. According to 2011 Census of India, what was the total female literacy rate in Bihar?

(A) 63·68%

(B) 53·57%

(C) 52·89%

(D) More than one of the above

(E) None of the above

101. Subhadra Devi, who has been awarded Padma Shri in 2023, is a known

(A) space scientist

(B) Papier-mâché massy artist

(C) architect

(D) More than one of the above

(E) None of the above

102. What is the name of the architect in charge of the new building of the Parliament of India?

(A) Padma Shri Bimal Patel

(B) Anoop Rai

(C) Arun Goel

(D) More than one of the above

(E) None of the above

103. What was effectively the percentage of the electorate of the adult population of India that could only participate in the election of the members of the Constituent Assembly?

(A) 20 to 25 percent

(B) 30 to 35 percent

(C) 10 to 15 percent

(D) More than one of the above

(E) None of the above

104. Which State, in April 2023, gave the OBC status to transgenders community?

(A) Madhya Pradesh

(B) Rajasthan

(C) Tamil Nadu

(D) More than one of the above

(E) None of the above

105. Ibn Battuta, the famous Muslim explorer who came to India during the regime of Muhammad Bin Tughlaq, belonged to which country?

(A) Morocco

(B) Iraq

(C) Afghanistan

(D) More than one of the above

(E) None of the above

106. Recently, India's first cable-stayed rail bridge is built in

(A) Uttar Pradesh

(B) Jammu and Kashmir

(C) Himachal Pradesh

(D) More than one of the above

(E) None of the above

107. India's first semiconductor manufacturing plant will be set up in which State?

(A) Rajasthan

(B) Bihar

(C) Gujarat

(D) More than one of the above

(E) None of the above

108. Who was behind the first known attempt on Gandhi's life in India during the Champaran Satyagraha in 1917?

(A) H. S. Pollock

(B) Erwin

(C) Dr. Grant

(D) More than one of the above

(E) None of the above

109. Which of the following countries forms a part of Amazon River basin?

(A) Chile

(B) Venezuela

(C) Argentina

(D) More than one of the above

(E) None of the above

110. Which of the following options is the correct sequence of layers of atmosphere starting from the Earth's surface?

(A) Troposphere → Mesosphere → Stratosphere → Thermosphere → Exosphere

(B) Troposphere → Mesosphere → Thermosphere → Stratosphere → Exosphere

(C) Troposphere → Stratosphere → Mesosphere → Thermosphere → Exosphere

(D) More than one of the above

(E) None of the above

111. The correct pair of local name of shifting agriculture and related country is

(A) Milpa—Rhodesia (Zimbabwe)

(B) Ladang—Malaysia

(C) Chena—Bangladesh

(D) More than one of the above

(E) None of the above

112. What would be the time at 30° East of Greenwich, if it is 12 noon at Greenwich?

(A) 1 p.m.

(B) 10 a.m.

(C) 2 p.m.

(D) More than one of the above

(E) None of the above

113. What are the main mineral constituents of the oceanic crust?

(A) Silica and nickel

(B) Silica and magnesium

(C) Silica and alumina

(D) More than one of the above

(E) None of the above

114. Which of the following explains the term 'mulching'?

(A) Covering the contours with stones, grass, etc.

(B) Cropping along terraces made on steep slopes

(C) Covering the bare ground between crops with a layer of organic matter like straw

(D) More than one of the above

(E) None of the above

115. The correct pair of Indian petroleum producing area and its location is

(A) Lunej Area—Gujarat

(B) KG Basin—Bay of Bengal

(C) Surma Valley—Assam

(D) More than one of the above

(E) None of the above

116. Which of the following trees is worshipped by Mundas and Santhals of Chota Nagpur region?

(A) Mango

(B) Kadamba

(C) Tamarind

(D) More than one of the above

(E) None of the above

117. Which of the following is grown during the Zaid season?

(A) Cucumber

(B) Watermelon

(C) Muskmelon

(D) More than one of the above

(E) None of the above

118. Which of the following statements is true regarding earthquakes?

(A) The place on the surface above focus is called epicentre.

(B) Studying animal behaviour is one of the methods of prediction of earthquakes adopted by local people.

(C) P-waves are transverse waves.

(D) More than one of the above

(E) None of the above

119. Which of the following statements about Lake Superior of North America continent is true?

(A) It forms a geographical boundary between Canada and USA.

(B) It makes approximately 1700 km boundary between the two countries.

(C) It is world's greatest salt-water lakes group.

(D) More than one of the above

(E) None of the above

120. Which planet is considered as the Earth's twin planet due to similarity in shape and size?

(A) Jupiter

(B) Venus

(C) Mars

(D) More than one of the above

(E) None of the above