

NDA (I) 2018 PRE-AITS EVALUATION

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T.B.C. : P-PFC-L-CGJB

TEST BOOKLET SERIES

Serial No. 150118

Time Allowed: 120 Min.

Maximum Marks: 400

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. **DO NOT** write *anything else* on the Test Booklet.
4. This test Booklet contains **100** items (questions). Each item is printed both in Hindi and English. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you Have to fill in some particulars in the Answer Sheet as per instructions sent to you will your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should handover to the Invigilator *only the Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. **USE ONLY BALL BLACK OR BLUE PEN TO MARK IN THE ANSWER SHEET.**
10. Sheets for rough work are appended in the Test Booklet at the end.
11. **Penalty for wrong answers:**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **One-Fourth (0.4c)** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

NDA – (I) 2018 EVALUATION TEST

1. Which of the following statements are correct?
1. Assam produces nearly 80% of jute in India.
 2. Jute grows well on loamy soil.
 3. Hot and humid conditions are ideal for growing jute.
 4. Jute is commonly cultivated with wheat in rotation.

Select the correct answer using the codes given below

- (a) 1, 2 and 3 (b) 2, 3 and 4
 (c) 2 and 3 (d) 1 and 4

2. The Nokrek Biosphere Reserve is located in

- (a) Arunachal Pradesh
 (b) Assam
 (c) Sikkim
 (d) Meghalaya

3. Wide range and variability in rainfall, torrential in character, reversal of winds and uncertain arrival are the characteristics of

- (a) westerlies (b) trade winds
 (c) monsoon (d) anti trade winds

4. Where is Aghil Pass located?

- (a) Nepal Himalayas
 (b) Sikkim Himalayas
 (c) Eastern Himalayas
 (d) Trans Himalayas

5. In India, the tropical Savanah (AW) type of climate prevails largely in

- (a) Rajasthan desert region
 (b) Peninsular plateau region
 (c) Jammu and Kashmir region
 (d) North-Eastern region

6. The Deccan Trap Formation was caused by
- (a) shield eruption (b) composite eruption
 (c) caldera eruption (d) flood basalt eruption

7. Which one among the following agricultural crops/groups of crops may be grown in undant in lowlands and river deltas of fertile alluvial soil where there is high summer temperature and rainfall varies from 180 cm to 250 cm?

- (a) Wheat and sugarcane
 (b) Cotton
 (c) Maize and coarse crops
 (d) Rice, jute and tea

8. Which one among the following is the most important source of fish catch in India?

- (a) Deep-sea fisheries
 (b) Coastal fisheries
 (c) Inland natural fisheries
 (d) Inland cultural fisheries

9. Arrange the following tropical forest groups in the correct order of sequence based on area covered in India beginning from the largest covered area

1. Moist deciduous
 2. Dry deciduous
 3. Wet evergreen
 4. Semi-evergreen

Select the correct answer using the codes given below

- (a) 1-2-3-4 (b) 3-4-2-1
 (c) 1-3-2-4 (d) 4-3-2-1

10. Match List I with List II and select the correct answer using the codes given below the lists.

List I (Mountain pass)	List II (State)
A. Zoji La	1. Himachal Pradesh
B. Lipulekh	2. Sikkim
C. Shipki La	3. Uttrakhand
D. Nathu La	4. Jammu and Kashmir

Codes

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

11. Which one among the following is the major reason for low agricultural productivity in dry regions of India?

- (a) Constraints of financial, resources
 (b) Rural indebtedness
 (c) Dependence on erratic monsoon
 (d) Small size of landholdings

12. The western coasts of Indian receive very high rainfall in summer mainly due to

- (a) Tropical location
 (b) Nearness to sea
 (c) Western ghats
 (d) Himalayas

13. A bio-geographic region with significant reservoir of biodiversity that is under threat from humans is called as

- (a) bio-endangered region
 (b) biodiversity hotspot

- (c) biodiversity reservoir
 (d) environmentally endangered region

14. The Gulf of Mannar is situated along the coast of
 (a) Tamil Nadu (b) Kerala
 (c) Karnataka (d) Andhra Pradesh

15. Which of the following statements is/are correct?

- The major constituent of granite rocks is quartz.
- The major constituent mineral of sandstone rock is feldspar.
- The major constituent mineral of limestone rock is dolomite.

Select the correct answer using the code given below

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

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

List I (Mineral)	List II (State)
A. Bauxite	1. Andhra Pradesh
B. Mica	2. Orissa
C. Copper	3. Madhya Pradesh
D. Zinc	4. Rajasthan

Codes

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

17. Identify from the following States of India through which the Tropic of Cancer passes and arrange them from East to West

- Gujarat
- West Bengal
- Uttar Pradesh
- Tharkhand
- Madhya Pradesh
- Bihar
- Chhattisgarh

Select the correct answer using the codes given below

- (a) 2-5-7-4-1 (b) 2-4-7-5-1
 (c) 3-2-6-7-5 (d) 3-7-4-6-2

18. Which of the following statements regarding south-West monsoon in India is/are correct?

- Monsoon reaches the Malabar coast first.
- Rajasthan does not get rainfall from South-West monsoon.
- South-West monsoon retreats when the permanent wind belts start shifting to the South.

Select the correct answer using the code given below

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

19. Which of the following statements is/are correct?

- Mumbai receives more rainfall than Pune because it is located at the windward side of Western Ghats.
- Vidarbha region experiences semi-arid climate as it is located in a rain shadow region.
- In India monsoon reaches Kashmir valley at the last.

Select the correct answer using the codes given below

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

20. Which of the following are West-flowing rivers?

- Krishna
- Narmada
- Mahanadi
- Sabarmati

Select the correct answer using the codes given below Codes

- (a) 2 and 4 (b) 1 and 3
 (c) 1 and 4 (d) 2 and 3

21. Arrange the following States on the basis of ascending dates of the onset of monsoon

- Uttar Pradesh
- West Bengal
- Kerala
- Rajasthan

Select the correct answer using the codes given below

- (a) 2, 3, 1, 4 (b) 3, 2, 1, 4
 (c) 3, 1, 2, 4 (d) 1, 2, 3, 4

22. Match list I with list II and select the correct answer using the codes given below the lists

List I (Type of Vegetation)	List II (State)
A. Mangrove	1. Madhya Pradesh
B. Scrub	2. Karnataka
C. Teak	3. Rajasthan
D. Coniferous	4. Arunachal Pradesh

Codes

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

23. Match List I with List II and select the correct answer using the codes given below the lists.

List I (Himalayan Peaks)	List II (States)
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A. Nanga Parbat	1. Jammu & Kashmir
B. Nanda Devi	2. Sikkim
C. Kanchanjunga	3. Uttarakhand

Codes

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

24. Under the Constitution of India, which one of the following is not a fundamental duty ?

- To vote in public elections
- To develop the scientific temper
- To safeguard public property
- To abide by the Constitution and respect its ideals

25. Which of the following is/are among the Fundamental Duties of citizens laid down in the Indian Constitution?

- To preserve the rich heritage of our composite culture
- To protect the weaker sections from social injustice
- To develop the scientific temper and spirit of inquiry
- To strive towards excellence in all spheres of individual and collective activity

Select the correct answer using the codes given below:

- (a) 1 and 2 only (b) 2 only
 (c) 1, 3 and 4 only (d) 1, 2, 3 and 4

26. The provisions in Fifth Schedule and Sixth Schedule in the Constitution of India are made in order to

- protect the interests of Scheduled Tribes
- determine the boundaries between States
- determine the powers, authority and responsibilities of Panchayats
- protect the interests of all the border States

27. Which of the following statements is/are correct related to the free radicals on the human body?

- They damage immune function and cause cell mutations.
- Cell damage caused by free radicals appears to be a major contributor to aging.
- Antioxidants and Trans fats are capable of stabilizing, or deactivating, free radicals.

Select the correct answer using the codes given below:

- (a) 1 and 3 (b) 1 and 2
 (c) Only 2 (d) All

28. Which of the following are the examples of homogenous mixtures?

- Brass
- Blood Plasma
- Gunpowder
- Gasoline

Select the correct answer using the codes given below:

- (a) Only 2 (b) 2 and 3
 (c) None (d) All

29. Consider the following statements related to the Blood:

- Blood carries carbon dioxide and other waste products back to the lungs, kidneys and liver for disposal.
- Blood helps in transporting heat to the skin so as to help regulate body temperature.
- Blood plasma is a mixture of proteins, enzymes, nutrients, wastes, hormones and gases which carries nutrients to the cells of the body.

Which of the above statements is/are correct?

- (a) 1 and 3 (b) 2 and 3
 (c) Only 2 (d) All

30. Which of the following processes causes the physical change in the state of matter?

- Distillation of substance
- Centrifugation of substance
- Hydrolysis of substance
- Tarnishing of substance

- (a) 1 and 2 (b) 2, 3 and 4
 (c) 1, 3 and 4 (d) None

31. Which of the following acids/bases and their application is/are correctly matched?

- Ascorbic acid for food preservation.
- Acetic acid in tea and coffee.
- Magnesium hydroxide in hair dyes.
- Potassium hydroxide in bathing soaps.

- (a) 1, 2 and 3 (b) 1 and 4
 (c) 2, 3 and 4 (d) All

32. Which of the following statements related to the cell organelles is/are incorrect?

- Endoplasmic Reticulum helps in carrying materials throughout the cell.
- Golgi bodies helps in locomotion for one celled organisms and to move substances over cell surfaces in multi-celled organisms.
- Vacuoles store cellular waste products for disposal.

- (d) Leucoplasts are colorless organelles which store starch or other plant nutrients.
33. Which of the following statements is/are true about Alternating Current (AC) and Direct Current (DC)?
- The current which we receive at our home directly from the transformers is the Direct Current.
 - In India the frequency of DC is kept higher than AC.
 - Unlike AC, DC is safe and best suited to transfer over longer city distances and can provide more power.
- (a) Only 1 (b) 2 and 3
(c) All (d) None
34. With respect to Sickle cell Anemia consider the following statements:
- It is a genetic disorder.
 - In this the red blood cell takes the form of sickle instead of normal round shape.
 - The sickling affects the flexibility of RBC.
- Which of the above statements is/are correct?
- (a) Only 1 (b) 2 and 3
(c) 1 and 3 (d) All
35. Consider the following statements related to the Plaster of Paris:
- Plaster of Paris is made up of chlorides of lime.
 - It is used in Plasters, fire proofing, wall smoothing, making chalks & statues.
 - It acts as bleaching agent and makes colored substance colorless.
- Which of the above statements is/are correct?
- (a) 1 and 3 (b) Only 2
(c) 1 and 2 (d) All
36. Which of the following is known as protective food?
- (a) Proteins
(b) Carbohydrates
(c) Minerals and vitamins
(d) Fibers and water
37. Which of the following statements is/are true about Semiconductor materials & devices ?
- They use electronic conduction in the solid state as opposed to the gaseous state or thermionic emission in a high vacuum.
 - Doping is the method of adding impurities to modify the behaviour of semiconductor materials.
 - LEDs, transistor and solar cells are the examples of semiconductor devices.
- (a) 1 and 3 (b) 2 and 3
(c) Only 3 (d) All
38. When the same note is played on a sitar and a flute, the sound produced can be distinguished from each other because of the difference in:
- (a) pitch, loudness and quality
(b) pitch and loudness
(c) quality only
(d) loudness only
39. Given below are two statements, one labelled as Assertion (A) and other labelled as Reason (R).
Assertion (A) : A diamond sparkles more than a glass imitation cut to the same shape.
Reason (R) : The refractive index of diamond is less than that of glass.
In context of the above two statements, which one of the following is correct?
- (a) Both A and R are true and R is the correct explanation of A
(b) Both A and R are true and R is not a correct explanation of A
(c) A is true but R is false
(d) A is false but R is true
40. Optical fibre works on the principle of :
- (a) total internal reflection
(b) refraction
(c) scattering
(d) interference
41. Suppose a rocket ship is receding from the earth at a speed of $2/10$ th the velocity of light. A light in the rocket ship appears blue to the passengers on the ship. What colour would it appear to an observer on the earth?
- (a) Blue (b) Orange
(c) Yellow (d) Yellow-orange
42. An air bubble in water will act like a:
- (a) convex mirror (b) convex lens
(c) concave mirror (d) concave lens
43. When a mirror is rotated by an angle q , the reflected ray will rotate by:
- (a) 0° (b) $q/2$
(c) q (d) $2q$
44. Total internal reflection can take place when light travels from:
- (a) diamond to glass (b) water to glass
(c) air to water (d) air to glass

45. Match List I (Quantity) with List II (Units) and select the correct answer using the codes given below the lists:

List I	List II
A. High speed	1. Mach
B. Wavelength	2. Angstrom
C. Pressure	3. Pascal
D. Energy	4. Joule

Codes:

- (a) A-2, B-1, C-3, D-4 (b) A-1, B-2, C-4, D-3
 (c) A-1, B-2, C-3, D-4 (d) A-2, B-1, C-4, D-3
46. Consider the following statements:
- If a person looks at a coin which is in a bucket of water, the coin will appear to be closer than it really is.
 - If a person under water looks at a coin above the water surface, the coin will appear to be at a higher level than it really is.
- Which of the above statements is/are correct?
- (a) 1 and 2 (b) 1 alone
 (c) 2 alone (d) neither 1 nor 2
47. **Assertion (A)** : A stick is dipped in water in a slanting position. If observed sideways, the stick appears short and bent at the surface of water.
Reason (R) : A light coming from the stick undergoes scattering from water molecules giving the stick a short and bent appearance.
- (a) Both *A* and *R* are true and *R* is the correct explanation of *A*
 (b) Both *A* and *R* are true but *R* is not a correct explanation of *A*
 (c) *A* is true but *R* is false
 (d) *A* is false but *R* is true
48. When light waves pass from air to glass, the variables affected are:
- (a) wavelength, frequency and velocity
 (b) velocity and frequency
 (c) wavelength and frequency
 (d) wavelength and velocity
49. Consider the following statements:
- Light of longer wavelength are scattered much more than the light of shorter wavelength.
 - The speed of visible light in water is 0.95 times the speed in vacuum.
 - Radio waves are produced by rapidly oscillating electrical currents.
 - To detect the over speeding vehicles, police use the Doppler effect of reflected short radio waves.

Which of these statements are correct?

- (a) 1 and 2 (b) 1 and 3
 (c) 2 and 4 (d) 3 and 4

50. Consider the following natural phenomena:
- Terrestrial heating
 - Reflection of light
 - Refraction of light
 - Diffraction of light
- Due to which of these phenomena is a mirage formed ?
- (a) 1 and 2 (b) 2, 3 and 4
 (c) 1 and 3 (d) 4 only
51. Diffusion of light in the atmosphere takes place due to:
- (a) carbon dioxide (b) dust particles
 (c) helium (d) water vapours
52. Which one of the following statements is not correct?
- (a) The velocity of sound in air increases with the increase of temperature
 (b) The velocity of sound in air is independent of pressure
 (c) The velocity of sound in air decreases as the humidity increases
 (d) The velocity of sound in air is not affected by the change in amplitude and frequency
53. Which one of the following can be used to confirm whether drinking water contains a gamma emitting isotope or not ?
- (a) Microscope
 (b) Lead plate
 (c) Scintillation counter
 (d) Spectrophotometer
54. Which one of the following pairs of materials serves as electrodes in chargeable batteries commonly used in devices such as torch lights, electric shaver etc. ?
- (a) Nickel and cadmium
 (b) Zinc and carbon
 (c) Lead peroxide and lead
 (d) Iron and cadmium
55. 'Yellow cake', an item of smuggling across border is
- (a) a crude form of heroin
 (b) a crude form of cocaine
 (c) uranium oxide
 (d) unrefined gold

56. The difference between a nuclear reactor and an atomic bomb is that
- no chain reaction takes place in nuclear reactor while in the atomic bomb there is a chain reaction
 - the chain reaction in nuclear reactor is controlled
 - the chain reaction in nuclear reactor is not controlled
 - no-chain reaction takes place in atomic bomb while it takes place in nuclear reactor

57. The alpha particle carries two positive charge. Its mass is very nearly equal to that of
- two protons
 - an atom of helium
 - sum of masses of two positrons and two neutrons
 - two positrons as each positron carries a single positive charge

58. Match the names of outstanding Indian scientists given in List I with area of their specialized work given in List II and select the correct answer by using the codes given below the lists:

List I	List II
A. Dr. Raja Ramanna	1. Plant chemistry
B. Dr. M.S. Swaminathan	2. Nuclear physics
C. Prof. U.R Rao	3. Thermodynamics & astrophysics
D. Prof. Meghnad Saha	4. Space research
	5. Agricultural science

Codes:

- (a) A-3; B-5; C-2; D-1 (b) A-2; B-1; C-4; D-3
(c) A-2; B-5; C-4; D-3 (d) A-3; B-1; C-4; D-2

59. Which one of the following elements is essential for the construction of nuclear reactors?
- Cobalt
 - Nickel
 - Zirconium
 - Tungsten

60. Barium in a suitable form is administered to patients before an X-ray examination of the stomach, because
- barium allows X-rays to pass through the stomach on account of its transparency to X-rays
 - barium is a good absorber of g-rays and this helps the stomach to appear clearly in contrast with the other regions in the picture

- barium is a good absorber of X-rays and this helps the stomach to appear clearly in contrast with the other regions in the picture
- barium salts are white in colour and this helps the stomach to appear clearly in contrast with other regions in the pictures

61. Cobalt-60 is commonly used in radiation therapy because it emits
- alpha rays
 - beta rays
 - gamma rays
 - X-rays

62. **Assertion (A)** : Large cold storage plants use ammonia as refrigerant while domestic refrigerators use chlorofluoro-carbons.
Reason (R) : Ammonia can be liquefied at ambient temperature and low pressure.

- Both A and R are true and R is the correct explanation of A
- Both A and R are true but R is NOT a correct explanation of A
- A is true but R is false
- A is false but R is true

63. Most of the explosions in mines occur due to the mixing of
- hydrogen with oxygen
 - oxygen with acetylene
 - methane with air
 - carbon dioxide with ethane

64. In an atom, the order of filling up of the orbitals is governed by
- Aufbau's principle
 - Heisenberg's uncertainty principle
 - Hund's rule
 - Pauli's exclusion principle

65. A radioactive substance has a half-life of four months. Three-fourth of the substance would decay in
- 3 months
 - 4 months
 - 8 months
 - 12 months

66. Which one of the following is NOT radioactive?
- Astatine
 - Francium
 - Tritium
 - Zirconium

67. With reference to ionic compounds, consider the following statements:
- Ionic compounds are insoluble in alcohol.
 - Ionic compounds in the solid state are good conductor of electricity.
- Which of these statements is/are correct?

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) Neither 1 nor 2

68. Match the following

List I (Editors) **List II**
(Journals/Nespapers)

- | | |
|-------------------|-------------------------|
| A. SA Dange | 1. Labour-Kisan Gazette |
| B. Muzaffar Ahmed | 2. Inquilab |
| C. Ghulam Hussain | 3. Navayug |
| D. M Singaravelu | 4. The Socialist |

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

69. Consider the following events during freedom struggle of India:

1. Nehru Report
2. Simon Commission
3. Dandi march
4. Communal award

Which of the following is the correct chronological order of above events?

- (a) 2-1-3-4 (b) 1-2-3-4
 (c) 2-3-1-4 (d) 2-1-4-3

70. Consider the following statements in context of Communal Award announced in 1932:

1. Separate electorates were introduced for Sikhs, Christians and depressed classes for the first time.
2. The award was rejected by the Congress.
3. Gandhiji undertook fast unto death to make Dalit community realize the perils associated with the proposal.

Select the correct answer from the code given below.

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

71. Consider the following pairs:

Associations : Leader associated

1. Bombay Presidency Association : Pheroza Shah Mehta
2. Poona Sarvajanik Sabha : M. G. Ranade

3. Madras Mahajansabha : Subramaniya Iyer
 Which of the pairs given above is/are correctly matched?

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

72. Which of the following statements is/are correct regarding the outcome of Gandhi-Irwin Pact?

1. The Government conceded the right to make salt for personal consumption.
2. Congress suspended Civil Disobedience Movement.
3. Congress agreed to participate in 3rd round table conference.

Select the correct answers using the code given below.

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

73. Consider the following plans with regard to transfer of power during British rule:

1. Wavell Plan
2. Mountbatten plan
3. Cabinet Mission Plan

Arrange the above plans in correct chronological order.

- (a) 1-3-2 (b) 1-2-3
 (c) 2-3-1 (d) 3-2-1

74. Consider the following pairs:

Movement : **Response by Gandhiji**

1. Ahmedabad Mill strike : advised the workers to go on a strike and to demand a hike in wages
2. Kheda Satyagraha : advised the peasants to withhold payment of revenue
3. Rowlatt Satyagraha : founded Satyagraha Sabhas whose members would disobey the act and court arrest

Which of the above pairs is/are correctly matched?

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

75. consider the following pairs:

Committee : Objective

1. Butler Committee : to clarify the relationship between the British crown and the Princely states.
2. Hunter Committee : to report on development of local self government
3. Hartog Committee : to look into the Punjab wrongs

Which of the pairs given above is/are correctly matched?

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

76. Consider the following pairs:

Mission of British : Objective

1. August offer : Expansion of viceroy's executive council
2. Communal Award : Policy of separate electorate
3. Cripps mission : Grant of dominion status

Which of the pairs given above is/are correctly matched?

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

77. Match List-I with List-II and select the correct answer using the codes given below the lists:

List-I	List-II
A. Gupta	1. Badami
B. Chandella	2. Panamalai
C. Chalukya	3. Khajuraho
D. Pallava	4. Deogarh

Codes:

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

78. Which of the following pairs are correctly matched?

1. Mrichchakatikam-Shudraka
2. Buddhacharita-Vasuvandhu
3. Mudrarakshasha-Vishakadatta
4. Harshacharita-Banabhatta

Select the correct answer using the codes given below:

- (a) 1, 2, 3 and 4 (b) 1, 3 and 4
 (c) 1 and 4 (d) 2 and 3

79. Which of the following pairs are correctly matched?

1. Lothal : Ancient dockyard
2. Sarnath : First Sermon of Buddha
3. Rajgir : Lion capital of Ashoka
4. Nalanda : Great seat of Buddhist learning

Select the correct answer using the codes given below:

- (a) 1, 2, 3 and 4 (b) 3 and 4
 (c) 1, 2 and 4 (d) 1 and 2

80. Match List-I (Ancient site) with List-II (Archaeological finding) and select the correct answer using the codes given below the lists:

List-I	List-II
(Ancient site)	(Archaeological finding)
A. Lothal	1. Ploughed field
B. Kalibangan	2. Dockyard
C. Dholavira	3. Terracotta replica of a plough
D. Banawali	4. An inscription comprising ten large sized signs of the Harappan script

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

81. What is the India's rank in the latest World Bank (WB)'s Ease of Doing Business ranking 2018?

- (a) 111th (b) 130th
 (c) 115th (d) 100th

82. Consider the following statements:

1. Gravitational waves are ripples curvature of space-time, which propagate as waves, travelling outward from source at the speed of light.
2. Strongest sources of gravitational waves are catastrophic events such as colliding black holes.

Which of the above statement(s) is/are true?

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) Neither 1 nor 2

83. The bi-annual multilateral exercise 'Blue Flag-17' has started in which country?
 (a) Brazil (b) South Africa
 (c) Israel (d) China
84. Recently, the 2017 Nobel Prize in Chemistry has been awarded. Consider the following statement in this context.
 1. The award was given for developing cryo-electron microscopy.
 2. The Nobel Prize in Chemistry is awarded annually by Nobel Foundation.
 Which of the above statement is/are correct in this context?
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2
85. Which committee has been constituted by the Union Government to continuously monitor the solutions to air pollution?
 (a) Bhure Lal committee
 (b) Sunita Narain committee
 (c) C.K Mishra committee
 (d) Harsh Vardhan committee
86. What is the theme of the 2017 World Diabetes Day (WDD)?
 (a) Women and diabetes : Visualize Future
 (b) Women and diabetes : our right to a healthy future
 (c) Women and diabetes : Right to health
 (d) Women and diabetes : Future & children
87. Which of the following statement is correct about Operation Chakravyuh?
 (a) It is one of the operations by the Intelligence Bureau.
 (b) It is one of the operations under the Ministry of Finance to check tax evasion.
 (c) It is an operation by the Indian Peace Keeping Force (IPKF) in Africa.
 (d) None of the above.
88. With reference to the National Green Tribunal, consider the following statements:
 1. It is a constitutional body set up under the Article 21 of the Constitution
 2. It provides effective and expeditious disposal of cases relating to environmental protection and conservation
 3. It performs its functions according to the procedure laid down under the Code of Civil Procedure, 1908 .Which of the statements given above is/are correct?
- (a) 2 only (b) 1 and 3 only
 (c) 1 and 2 only (d) 1, 2 and 3
89. Who will be honoured with the 2017 Indira Gandhi Prize for Peace, Disarmament and Development?
 (a) Raghuram Rajan
 (b) Mamata Banerjee
 (c) Manmohan Singh
 (d) Pranab Mukherjee
90. As per which article of Constitution, the Union Cabinet has approved to set up 15th Finance Commission?
 (a) Article 281 (b) Article 282
 (c) Article 280 (d) Article 283
91. Which of the following will be India's first solar mission to take off in 2019?
 (a) Aditya-LL mission
 (b) Aditya-L1 mission
 (c) Aditya-XL mission
 (d) Aditya-X1 mission
92. Which Indian Armed Force has conducted the regional level marine oil pollution response exercise 'Clean Sea-2017'?
 (a) Assam Rifles
 (b) Indian Air Force
 (c) Special Frontier Force
 (d) Indian Coast Guard
93. With reference to the "Operation Insaaniyat", recently in news, which of the following is true?
 (a) It is an initiative of Indian government to provide humanitarian assistance to Rohingya Community
 (b) It is an initiative of Indian Army to resolve border disputes.
 (c) It is an initiative of Indian government for flood affected people.
 (d) This is a joint initiative between India and Sri Lanka for fisherman.
94. With reference to the Aadhaar Act, 2016, consider the following statement(s):
 1. The Aadhaar Act, 2016 is a money bill of the Parliament of India.
 2. Under this act only the Central government can use Aadhaar for disbursal for benefits and subsidies. Which of the following statement(s) is/are correct?

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) Neither 1 nor 2

95. In the cities of our country, which among the following atmospheric gases are normally considered in calculating the value of Air Quality Index?

1. Carbon dioxide
2. Carbon monoxide
3. Nitrogen dioxide
4. Sulphur Dioxide
5. Methane

Select the correct answer using the code given

- (a) 1, 2 and 3 only (b) 2, 3 and 4 Only
 (c) 1, 4 and 5 Only (d) 1, 2, 3, 4 and 5

96. Which of the following constitutes the primary sector of the economy?

1. Fishing 2. Animal Husbandry
3. Mining 4. Forestry

Select the correct answer using the code given below.

- (a) 1 and 2 only (b) 1, 3 and 4 only
 (c) 3 and 4 only (d) 1, 2, 3 and 4

97. The Reserve Bank of India performs which of the following functions?

1. Regulation and supervision of the nonbanking financial institutions.
2. Management of foreign exchange reserves
3. Banker to banks
4. Banker to the Central and State Governments

Select the correct answer using the code given below.

- (a) 1, 2 and 3 only (b) 1, 2 and 4 only

- (c) 3 and 4 only (d) 1, 2, 3 and 4

98. With reference to Agricultural Produce Market Committee (APMC), consider the following statements:

1. It is a statutory market committee constituted by state government.
2. APMCs restrict the farmer from entering into direct contract with any manufacturer.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2

99. With reference to Bitcoins, consider the following statements:

1. The value of the Bitcoins is based on a basket of currencies.
2. In India, only the entities approved by the Reserve Bank of India can transact in Bitcoins.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2

100. Consider the following pairs:

Type of subsidy under WTO Stated purpose

1. Green Box : Production limiting subsidies
2. Amber Box : Trade distorting subsidies and need to be curbed
3. Blue Box : Not specific subsidies and are non-actionable

Which of the above is/are correctly matched?

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