

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**

**TEST BOOKLET**  
**AP(CC) ENVIRONMENTAL SC-2018**

Time Allowed : 2 Hours]

[Maximum Marks : 100

All questions carry equal marks.

**INSTRUCTIONS**

1. Immediately after the commencement of the examination, you should check that 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. Write your Roll Number only in the box provided alongside.   
Do not write anything else on the Test Booklet.
3. This Test Booklet contains **100** items (questions). Each item comprises four responses (answers). Choose only one response for each item which you consider the best.
4. After the candidate has read each item in the Test Booklet and decided which of the given responses is correct or the best, he has to mark the circle containing the letter of the selected response by blackening it completely with Black or Blue ball pen. In the following example, response "C" is so marked :  

(A)   (B)   ●   (D)
5. Do the encoding carefully as given in the illustrations. While encoding your particulars or marking the answers on answer sheet, you should blacken the circle corresponding to the choice in full and no part of the circle should be left unfilled. After the response has been marked in the ANSWER SHEET, no erasing/fluid is allowed.
6. You have to mark all your responses **ONLY** on the ANSWER SHEET separately given according to 'INSTRUCTIONS FOR CANDIDATES' already supplied to you. Responses marked on the Test Booklet or in any paper other than the answer sheet shall not be examined.
7. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of correct responses marked by you in the Answer Sheet. There will be negative marking and  $\frac{1}{4}$  (0.25) of the marks will be deducted as penalty for wrong answer.
8. Before you proceed to mark responses in the Answer Sheet fill in the particulars in the front portion of the Answer Sheet as per the instructions sent to you.
9. 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.
10. After you have completed the test, hand over the Answer Sheet only, to the Invigilator.

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1. At mid-latitudes, the depth of ozone column, at standard pressure of 1 atm, is about :

(A) 1 mm

(B) 2 mm

(C) 3 mm

(D) 5 mm

2. **Assertion (A)** : Radiative effects of aerosols are much more difficult to assess than the greenhouse gases.

**Reason (R)** : Aerosols are not uniformly distributed in atmosphere and undergo transformations.

Choose the *correct* code :

(A) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)

(C) (A) is correct but (R) is incorrect

(D) (A) is incorrect but (R) is correct

3. Identify the *correct* statement :

(A) Dry adiabatic lapse rate is a constant at all latitudes

(B) Environmental lapse rate varies with altitude at a specific latitude

(C) Environmental lapse rate is a constant at a particular latitude

(D) Environmental lapse rate is always positive

4. Water vapor is a good absorber of Infra-red radiations in the wavelength range :
- (A) 0.1 – 0.8  $\mu\text{m}$  (B) 0.9 – 3.0  $\mu\text{m}$   
(C) 3.0 – 4.2  $\mu\text{m}$  (D) 4.2 – 5.1  $\mu\text{m}$
5. Identify the *correct* sequence of sources in order of their contribution to water pollution in major rivers of India :
- (A) Untreated sewage > agriculture run-off > un-regulated small scale industry  
(B) Untreated sewage > un-regulated small scale industry > agriculture run-off  
(C) Un-regulated small scale industry > untreated sewage > agriculture run-off  
(D) Un-regulated small scale industry > agriculture run-off > untreated sewage
6. Cyclones used for removing particulate matter from polluted gases are more efficient in collecting particles in the size range :
- (A)  $\geq 10 \mu\text{m}$  (B) 2-5  $\mu\text{m}$   
(C) 0.5-2  $\mu\text{m}$  (D)  $< 10 \mu\text{m}$
7. Noise pollution can cause :
- (a) Speech interference  
(b) Hearing impairment  
(c) Annoyance  
(d) Insomnia
- Choose the *correct* code :
- (A) (a), (b) and (c) only  
(B) (b), (c) and (d) only  
(C) (b) and (c) only  
(D) (a), (b), (c) and (d)

8. In noise measurements, the reference noise level represents intensity of :

- (A)  $10^{-12}$  W/m<sup>2</sup> (B)  $10^{-9}$  W/m<sup>2</sup>  
(C)  $10^{-6}$  W/m<sup>2</sup> (D)  $10^{-3}$  W/m<sup>2</sup>

9. **Assertion (A)** : Development and expansion of nuclear energy programmes in India is critical to India's security.

**Reason (R)** : India has vast reserves of thorium.

Choose the *correct* code :

- (A) Both (A) and (R) are correct and (R) is the correct explanation of (A)  
(B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)  
(C) (A) is correct but (R) is incorrect  
(D) (A) is incorrect but (R) is correct

10. Indian Government's target, for harnessing power from renewable energy sources by the year 2030, is :

- (A) 175 GW (B) 350 GW  
(C) 700 GW (D) 840 GW

11. At STP, if concentration of CO<sub>2</sub> is 400 ppm, what is its value in (kgm<sup>-3</sup>) ?

- (A) ~ 0.0008 (B) ~ 0.004  
(C) ~ 0.04 (D) ~ 0.0016

12. The extent of pollutants in organic effluents is best characterized by :
- (A) BOD and conductivity
  - (B) BOD and TOC
  - (C) BOD and turbidity
  - (D) TOC and turbidity
13. Officially known as transforming our world : the 2030 Agenda, Sustainable goals are :
- (A) 169
  - (B) 48
  - (C) 21
  - (D) 17
14. As per National Ambient Air Quality Standards, the 24 hour average permissible level of  $PM_{2.5}$  is :
- (A)  $40 \mu\text{g}/\text{m}^3$
  - (B)  $60 \mu\text{g}/\text{m}^3$
  - (C)  $100 \mu\text{g}/\text{m}^3$
  - (D)  $80 \mu\text{g}/\text{m}^3$
15. Air Quality Index (AQI) value of 350 represents the level of pollution being :
- (A) Moderate
  - (B) Severe
  - (C) Poor
  - (D) Very poor

16. The main constituents of photochemical smog are :
- (A)  $\text{NO}_2$ ,  $\text{SO}_2$  and aerosols
  - (B)  $\text{SO}_2$ , CO and aerosols
  - (C)  $\text{NO}_2$ , CO and PAN
  - (D)  $\text{NO}_2$ ,  $\text{O}_3$ , hydrocarbons and PAN
17. A wind rose with approximately equal length bars indicates :
- (A) Great variation of wind direction
  - (B) Uniform velocity in all directions
  - (C) Lower variability in any given direction
  - (D) Calm winds
18. Which of the following element cycles is an endogenic geochemical cycle ?
- (A) Carbon cycle
  - (B) Nitrogen cycle
  - (C) Phosphorous cycle
  - (D) Sulphur cycle
19. **Assertion (A)** : Sulphuric acid, a constituent of acid rain exists in ambient atmosphere significantly in the form of particles.
- Reason (R)** : Sulphuric acid has very low vapour pressure.
- Choose the *correct* code :
- (A) Both (A) and (R) are correct and (R) is the correct explanation of (A)
  - (B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
  - (C) (A) is correct but (R) is incorrect
  - (D) (A) is incorrect but (R) is correct

20. Atmospheric window for radiations is in the wavelength range :

(A) 7-12  $\mu\text{m}$

(B) 1-6  $\mu\text{m}$

(C) 0.7-4  $\mu\text{m}$

(D) 12-15  $\mu\text{m}$

21. Which of the following greenhouse gases has maximum residence time in atmosphere ?

(A)  $\text{N}_2\text{O}$

(B)  $\text{CH}_4$

(C)  $\text{O}_3$

(D)  $\text{CO}_2$

22. **Assertion (A)** : In India, stable run-off is high.

**Reason (R)** : Most of the precipitation occurs during the monsoon season in India.

Choose the *correct* code :

(A) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)

(C) (A) is correct but (R) is incorrect

(D) (A) is incorrect but (R) is correct

23. Which of the following group of minerals in marine and coastal waters are of serious concern ?

(A) Hg, Cd, Pb

(B) Fe, Ca, Ni

(C) Fe, Pb, Ca

(D) Fe, Ca, Cr

24. Match Lists I and II and choose the *correct* answer from the codes given below the lists :

**List I**

**List II**

**(Environmental Samples)**

**(Measurement Techniques)**

(a) Clay minerals

(i) AAS

(b) PAHs (Poly aromatic hydrocarbons)

(ii) HPLC

(c) VOCS (Volatile organic carbons)

(iii) GC

(d) Heavy metals

(iv) XRD

*Codes :*

(a) (b) (c) (d)

(A) (i) (iii) (ii) (iv)

(B) (iv) (ii) (iii) (i)

(C) (iv) (iii) (ii) (i)

(D) (iii) (iv) (ii) (i)



25. In a closed ecosystem :

- (A) Both matter and energy cannot flow across its boundaries
- (B) Matter can flow but energy cannot flow across its boundaries
- (C) Both matter and energy can flow across its boundaries
- (D) Energy can flow but matter cannot flow across its boundaries

26. Which of the following soil types is associated with tropical rain forests ?

- (A) Oxisols
- (B) Mollisols
- (C) Spodosols
- (D) Alfisols

27. Which of the following activities help in soil conservation ?

- (a) Crop rotation
- (b) Strip cropping
- (c) Terracing
- (d) Contour ploughing

Choose the *correct* code :

- (A) (a) and (b) only
- (B) (a), (c) and (d) only
- (C) (a), (b) and (c) only
- (D) (a), (b), (c) and (d)

28. An artesian aquifer is a ground water storage area which is :
- (A) Between two impermeable rocks
  - (B) Between porous layers of a rock
  - (C) Between a porous layer at the top and impermeable layer of rock at the bottom
  - (D) Between two porous layers of a rock

29. **Assertion (A) :** Fungal diversity plays a significant role in ecosystem variability and productivity.

**Reason (R) :** Fungi form associates with plants roots (mycorrhizae) and provide nutrient minerals for majority of plant species.

Choose the *correct* code :

- (A) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (B) Both (A) and (R) are correct and (R) is not the correct explanation of (A)
- (C) (A) is correct and (R) is incorrect
- (D) Both (A) and (R) are incorrect

30. Soil organisms provide various ecosystem services :

- (a) Decaying and cycling of organic material
- (b) Preventing soil erosion
- (c) Cleansing water
- (d) Affecting composition of atmosphere

Choose *correct* answer :

- (A) (a) and (b) only
- (B) (a), (c) and (d) only
- (C) (a) and (d) only
- (D) (a), (b), (c) and (d)

31. What fraction (%) of a soil's volume is occupied roughly by pore spaces ?

- (A) ~ 50%
- (B) ~ 25%
- (C) ~ 66%
- (D) ~ 45%

32. When there is an increase of one unit on Richter Scale, the energy released in an earthquake increases by a factor of :

- (A) ~ 2
- (B) ~ 10
- (C) ~ 18
- (D) ~ 31

33. For cyclones to occur, there is balance between :
- (A) Pressure gradient force and centrifugal force
  - (B) Pressure gradient force and Coriolis force
  - (C) Coriolis force and centrifugal force
  - (D) Coriolis force, centrifugal force and frictional force
34. Warm and cool phases of a recurring climate pattern across tropical pacific ocean can shift back and forth every :
- (A) Two to seven years
  - (B) One to two years
  - (C) 10 to 12 years
  - (D) 6 months to 2 years
35. Largest iron ore reserves of Magnetite are in :
- (A) Orissa
  - (B) Karnataka
  - (C) Jharkhand
  - (D) Goa

36. 'Mohs' is the scale of :

- (A) Conductivity of a mineral
- (B) Susceptibility of a mineral
- (C) Porosity of a mineral
- (D) Hardness of a mineral

37. In remote sensing studies of biomass determination, waterbody delineation, geographical boundary mapping, which of the following spectral bands is used ?

- (A) 0.76-0.9  $\mu\text{m}$
- (B) 1.55-1.75  $\mu\text{m}$
- (C) 2.08-2.35  $\mu\text{m}$
- (D) 10.4-12.5  $\mu\text{m}$

38. The environmental statement consists of :

- (a) Description of project site characteristics
- (b) Project objectives
- (c) Significant impacts due to project activities
- (d) Mitigating measures

Choose the *correct* code :

- (A) (a), (b)
- (B) (a), (b), (d)
- (C) (a), (b), (c), (d)
- (D) (b), (c), (d)

39. Environmental Audit provides :
- (A) Cost-benefit analysis of environmental initiatives of an industry/company
  - (B) A framework for measuring environmental performance of an industry/company
  - (C) Quantification of financial cost of damage due to pollution arising from the activities of the industry/company
  - (D) Life cycle analysis of the products being manufactured and/or processed in an industry/company
40. In the context of K-species, which of the following statements is *true* ?
- (A) They have high intrinsic growth rate
  - (B) They quickly exhaust the resources of their habitats
  - (C) Their reproductive rate is not dependent on population density
  - (D) They exist at population levels close to carrying capacity
41. Which of the following is a major determinant for the climax community ?
- (A) Climate
  - (B) Topography
  - (C) Soil condition
  - (D) Animal activity

42. Micro-flora/fauna does *not* include :
- (A) Nematoda (B) Protozoa  
(C) Fungi (D) Amphipoda
43. In forest ecosystems, the ecological efficiency is typically in the range :
- (A) 5-20% (B) 15-25%  
(C) 1-5% (D) 20-30%
44. How many biosphere reserves are there in India at present ?
- (A) 21 (B) 34  
(C) 28 (D) 18
45. The rotational motion of the debris is associated with which type of landslides ?
- (A) Earth flows (B) Mud flows  
(C) Rock falls (D) Slumps

46. Weathering of rocks can cause :

- (a) Development of cracks in rocks
- (b) Landslides
- (c) Changes in the texture of rock structures

Choose the *correct* code :

- (A) (c) only
- (B) (a) and (c) only
- (C) (b) and (c) only
- (D) (a), (b) and (c)

47. Red tides are :

- (A) Algae blooms
- (B) Tides with very high range
- (C) Mercury contaminated marine waters
- (D) Tides with high concentration of sediments

48. Based on the  $LD_{50}$  values, which of the following substances is most toxic ?

- (A) Nicotine
- (B) Lead
- (C) Ethanol
- (D) Dioxins



49. Environmental Impact Assessment is a process of :

- (a) Examining anticipated environmental impacts of a proposed project
- (b) Preparing EIA report
- (c) Evaluation of EIA report by the competent authority
- (d) Arriving at a decision with regard to establishment of a project encompassing public response to the decision

Choose the *correct* code :

- (A) (a), (b), (c), (d)
- (B) (a), (b), (c)
- (C) (a), (b), (d)
- (D) (b), (c), (d)

50. The environmental impact identification method—'Matrices' :

- (A) Distinguishes between direct and indirect impacts
- (B) Is quantitative in nature
- (C) Ensures counting of an impact only once
- (D) Links actions/activities of a project to impacts

51. Public Liability Insurance Act was enacted in the year :
- (A) 1987 (B) 1991
- (C) 1997 (D) 1984
52. Consider Box model for a city of length 20 km, where the mixing height in the atmosphere is 800 m and the average wind speed is 5.0 m/s. If a gaseous pollutant is emitted in the city at the rate 100 kg/s, what will be its concentration in the ambient air ?
- (A) 312.5  $\mu\text{g}/\text{m}^3$  (B) 625.0  $\mu\text{g}/\text{m}^3$
- (C) 1250.0  $\mu\text{g}/\text{m}^3$  (D) 2500.0  $\mu\text{g}/\text{m}^3$
53. In the context of waste water sludge treatment utilizing anaerobic digestion, which of the following statements is *true* ?
- (A) Acid forming bacteria are relatively tolerant to changes in temperature
- (B) Acid forming bacteria are relatively tolerant to changes in pH
- (C) Methane forming bacteria are very sensitive to pH and temperature
- (D) Methane forming bacteria are less sensitive to presence of toxins and oxygen

54. **Assertion (A) :** Lime used as a coagulant for removing phosphates also helps in stripping ammonia from municipal waste water.

**Reason (R) :** Lime increases pH of waste water causing soluble ammonium ions to ammonia gas.

Choose the *correct* code :

(A) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(B) Both (A) and (R) are correct and (R) is not the correct explanation of (A)

(C) (A) is correct but (R) is incorrect

(D) (A) is incorrect but (R) is correct

55. In a spectrophotometric experiment, the transmittance of a beam of monochromatic radiation, while passing through a solution of path length 2.0 cm, was 50%. If the molar absorptivity of the sample is  $1000 \text{ L mol}^{-1} \text{ cm}^{-1}$ , what is the concentration of the compound in the solution ?

(A)  $1.5 \times 10^{-4} \text{ mol L}^{-1}$

(B)  $3.0 \times 10^{-4} \text{ mol L}^{-1}$

(C)  $1.5 \times 10^{-5} \text{ mol L}^{-1}$

(D)  $2.0 \times 10^{-4} \text{ mol L}^{-1}$

56. A 1 M solution of  $\text{H}_2\text{SO}_4$  in a reaction with NaOH is equivalent to a solution of normality :
- (A) 0.25 N (B) 0.5 N  
(C) 1 N (D) 2 N
57. A water sample has 200 mg/L of  $\text{Ca}^{2+}$ . Its hardness (meq/L) is :
- (A) ~ 10 (B) ~ 5  
(C) ~ 20 (D) ~ 100
58. The permissible standard for BOD in liquid waste water is :
- (A) 3.0 mg/L (B) 6.0 mg/L  
(C) 10.0 mg/L (D) 30.0 mg/L
59. Match the Lists I and II and choose the *correct* answer from the codes given below :

**List I**

**(Pollutants)**

- (a) Suspended material  
(b) Dissolved organics  
(c) Phosphorous compounds  
(d) Disease causing organism

**List II**

**(Water Treatment Methods)**

- (i) Ozone dosing  
(ii) Precipitation  
(iii) Adsorption  
(iv) Primary treatment

**Codes :**

- |     |       |       |       |      |
|-----|-------|-------|-------|------|
|     | (a)   | (b)   | (c)   | (d)  |
| (A) | (iv)  | (iii) | (ii)  | (i)  |
| (B) | (iv)  | (i)   | (iii) | (ii) |
| (C) | (iii) | (ii)  | (iv)  | (i)  |
| (D) | (i)   | (iii) | (iv)  | (ii) |

60. **Assertion (A) :** Nitrates from land sources end up in rivers and streams more quickly than other nutrients like phosphorous.

**Reason (R) :** They dissolve in water more readily than phosphorous.

Choose the *correct* code :

- (A) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (C) (A) is correct but (R) is incorrect
- (D) (A) is incorrect but (R) is correct

61. According to Hazardous Wastes (Management and Handling) Amendment Rules 2003, which of the following is *not* hazardous waste ?

- (A) Lead acid batteries
- (B) Wastes from dyes
- (C) Wastes from paints and varnishes
- (D) Asbestos

62. In selecting a MSW landfill site which of the following parameters must be taken into consideration ?

- (a) Hydrology
- (b) Public opposition
- (c) Environmental factors such as wetlands
- (d) Buffer areas around the site

**Codes :**

- (A) (a), (b) (c), (d)
- (B) (a), (b) and (c) only
- (C) (a), (c) and (d) only
- (D) (b), (c) and (d) only

63. In solid waste classification, the term 'Garbage' includes which of the following :

- (A) Wastes from preparation, cooking and serving of food; market wastes from handling, storage and sale of products
- (B) Cartons and boxes
- (C) Tree branches
- (D) Construction material from razing of buildings

64. Which of the following is about Disaster Reduction ?
- (A) Montreal Protocol (B) Sendai Framework  
(C) UNFCCC (D) Basel Convention
65. The potential of electricity generation from tidal power in India is about :
- (A) ~ 6000 MW (B) ~ 1875 MW  
(C) ~ 12,350 MW (D) ~ 8300 MW
66. For which of the following sources of energy, sun is *not* directly responsible ?
- (A) Geothermal (B) Wind  
(C) Biomass (D) Photo-voltaic
67. Which of the following gases have maximum energy content ?
- (A) Butane (B) Methane  
(C) Hydrogen (D) Natural gas
68. According to 5th Assessment report of IPCC, the global average surface temperatures during 1880-2012 had risen by :
- (A) ~ 0.74 °C (B) ~ 0.85 °C  
(C) ~ 0.92 °C (D) ~ 1.20 °C

69. Consider the following two statements :

(i) India has committed to phase out use of HFCs drastically by the year 2047.

(ii) HFCs are ozone depleting substances.

Choose the *correct* answer :

(A) Both (i) and (ii) are true

(B) (i) is true but (ii) is false

(C) (i) is false but (ii) is true

(D) Both (i) and (ii) are false

70. Thermal power plants (based on coal) have efficiency typically around :

(A) ~ 40%

(B) ~ 25%

(C) ~ 62%

(D) ~ 75%

71. Consider an ideal wind mill. If the average wind speed is 15 km per hour, the power generated from the wind mill will be :

(A) ~ 42 W/m<sup>2</sup>

(B) ~ 84 W/m<sup>2</sup>

(C) ~ 212 W/m<sup>2</sup>

(D) ~ 4200 W/m<sup>2</sup>



72. The temperature of the conducting fluid in a MHD power plant is approximately :

- (A) ~ 800 °C (B) ~ 1200 °C  
(C) ~ 2500 °C (D) ~ 5600 °C

73. At any location, the changes in solar insolation depend on :

- (a) Water vapor (b) Clouds  
(c) Aerosols (d) Surface Ozone and NO<sub>2</sub>

Choose the *correct* code :

- (A) (a), (b) and (c) only  
(B) (b), (c) and (d) only  
(C) (a) and (c) only  
(D) (a), (b), (c) and (d)

74. Aerosol particles deposit in various regions of human respiratory system by the following mechanisms :

- (a) Impaction (b) Sedimentation  
(c) Transport (d) Brownian motion

Choose the *correct* code :

- (A) (a), (b), (c) and (d)  
(B) (a), (b) and (d) only  
(C) (a), (b) and (c) only  
(D) (a), (c) and (d) only

75. Biological organisms called chemoheterotrophs include :
- (A) Protozoa and fungi only
  - (B) Fungi and bacteria only
  - (C) Animals and bacteria only
  - (D) Animals, protozoa, fungi and bacteria
76. The main source of Dioxins is :
- (A) Incineration
  - (B) Landfills
  - (C) Agriculture refuse burning
  - (D) Road transport
77. In which of the following distributions the mean and variance are equal ?
- (A) Poisson
  - (B) Normal
  - (C) Binomial
  - (D)  $t$ -distribution
78. If the sample mean  $\bar{X} = 5$ , population mean  $\mu = 3$ , the standard deviation = 4 and number of observations is 100,  $t$ -statistic value will be :
- (A) 1.0
  - (B) 2.0
  - (C) 5.0
  - (D) 10.0

79. Skewness of a statistical distribution is :
- (A) First moment about the mean
  - (B) Second moment about the mean
  - (C) Third moment about the mean
  - (D) Fourth moment about the mean
80. World Wetland Day is celebrated on :
- (A) 5th June
  - (B) 16th September
  - (C) 21st April
  - (D) 2nd February
81. Which one of the following was *not* included in the eighteen lordships (18 thakurais) located in the upper hill valleys of Satluj, Pabar and Tons rivers ?
- (A) Ghund
  - (B) Ratesh
  - (C) Keonthal
  - (D) Balson
82. Which mountain pass joins Spiti and Lahaul ?
- (A) Shipki
  - (B) Kangla
  - (C) Manirang
  - (D) Kunzam

83. Which of the following lakes is in Mandi District of H.P. ?
- (A) Kumarwah (B) Karali  
(C) Bradonsar (D) Suketi
84. Which Muslim ruler led an expedition against Raja Prithvi Chand of Kangra around 1337 AD ?
- (A) Feroz Shah Tughluq (B) Muhammad-bin-Tughluq  
(C) Mahmud Ghazni (D) Timur-i-lang
85. Which of the following festivals is associated with the Gaddis ?
- (A) Bhunda (B) Nawala  
(C) Khojala (D) Phulech
86. What was the venue of Joint conference of representatives of Praja Mandal leaders and the princes of Shimla Hill States on January 26, 1948 ?
- (A) Mandi (B) Shimla  
(C) Solan (D) Nahan
87. Where is the office of Chief Information Commissioner of H.P. ?
- (A) Armsdale building (B) Revenswood  
(C) Barnes court (D) Yarrows

88. From which constituency was Jaiwant Ram, who was the speaker of the first H.P. Vidhan Sabha, elected ?

- (A) Chamba (B) Pangi  
(C) Bhattiyat (D) Churah

89. Which of the following is *not* included in the list of Apna Stores/Malls proposed to be opened by the H.P. State Civil Supplies Corporation in the first phase ?

- (A) Bilaspur (B) Mandi  
(C) Solan (D) Dharamsala

90. What is the capacity of Sawra Kuddu Hydro-Electric Power Project ?

- (A) 65 MW (B) 111 MW  
(C) 136 MW (D) 450 MW

91. In which town of U.P. is Baba Ram (Raghav) Das Medical College where several infants died in August, 2017 ?

- (A) Kanpur (B) Lucknow  
(C) Saharanpur (D) Gorakhpur

92. In which sector of Indo-Tibetan border is Lipulekh pass ?
- (A) H.P. and Uttarakhand (B) J & K  
(C) Sikkim (D) Arunachal Pradesh
93. In which city of India is Haji Ali Dargah ?
- (A) Ajmer (B) Delhi  
(C) Mumbai (D) Hyderabad
94. Which national park is known for the abode of one-horned rhinoceros ?
- (A) Nanda Devi (Uttarakhand)  
(B) Sundarbans (Paschim Banga)  
(C) Keoladeo (Bharatpur, Rajasthan)  
(D) Kaziranga (Asom)
95. Who contested the election for the office of the President of India held in 2017 against Ram Nath Kovind ?
- (A) Gopal Krishna Gandhi (B) Venkaih Naidu  
(C) Sharad Yadav (D) Meira Kumar

96. How many runs did Harmanpreet Kaur make at the 2017 Women Cricket World Cup Semifinal against Australia that took India to the final ?
- (A) 131 (B) 151  
(C) 171 (D) 191
97. Which Ex-Prime Minister of Thailand is being tried for negligence ?
- (A) Prayut Chan-o-Cha (B) Yingluck Shinawatra  
(C) Prawit Wongsuwon (D) Cheep Chulamon
98. To which religion do the Rohingya ethnic minority community of Myanmar belong ?
- (A) Buddhism (B) Jainism  
(C) Islam (D) Christian
99. Which Prime Minister of Peru was sacked on charges of spying ?
- (A) Pedro Rosselli (B) Ana Jard  
(C) Alberto Fujimori (D) E.G. Schreiber
100. Which day is observed as International Yoga Day ?
- (A) March 21 (B) June 21  
(C) September 21 (D) December 21