



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

1. Given below are two statements: one is labeled as Assertion A and the other is labeled as Reason R.

**Assertion A:** When an artificial satellite moves around the earth in a circular orbit with a constant speed, its velocity is not constant because the direction of motion of the satellite is changing continuously.

**Reason R:** The force of gravity of earth keeps the satellite in circular orbit around it.

In the light of the above statements, choose the correct answer from the options given below:

- (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 the correct explanation of A
- (c) A is true but R is false
- (d) A is false but R is true
- (e) Question not attempted

Ans-1. (a)

2. Which of the following statement(s) about the artificial sweetening agents is/are TRUE?

- 1) Ortho-sulphobenzimide is the first popular artificial sweetening agent.
- 2) Ortho-sulphobenzimide is also called as saccharin
- 3) Ortho-sulphobenzimide is about 100 times as sweet as cane sugar.

Choose the correct answer from the options given below:

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1 and 2 only
- (e) Question not attempted

Ans-2. (d)

3. Which of the following statements about the types of soaps is/are TRUE?

- 1) Transparent soaps are made by dissolving the soap in ethanol and then evaporating the excess solvent.
- 2) Shaving soaps contain fillers like sodium rosinate, sodium silicate, borax and sodium carbonate.



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

- 3) Soap chips are made by running a thin sheet of melted soap onto a cool cylinder and scraping off the soaps in small broken pieces.

Choose the correct answer from the options given below:

- (a) 1 and 2 only
- (b) 2 only
- (c) 1 and 3 only
- (d) 2 and 3 only
- (e) Question not attempted

Ans-3. (c)

4. Match List I with List II.

LIST I

(Chemical Compounds)

- A. Norethindrone
- B. Alitame
- C. Cetyltrimethylammonium Bromide
- D. Phenalgine

LIST II

(Usage)

- I) Cationic detergent
- II) Antifertility drug
- III) Artificial Sweetener
- IV) Anti-depressant drug

- (a) A-III, B-II, C-IV, D-I
- (b) A-II, B-III, C-I, D-IV
- (c) A-I, B-IV, C-II, D-III
- (d) A-IV, B-III, C-II, D-I
- (e) Question not attempted

Ans-4. (b)

5. Which of the following statements about the Parasite is/are TRUE?

- 1) Dodder is a plant parasite, which has special sucking roots called haustoria for absorption of food from the host plant.
- 2) Dodder is a vine-like parasitic plant and is essentially leafless.
- 3) Many species of Dodder cause weed problems in the horticulture industry.
- 4) Once the Dodder plant gets attached itself to the host plant it loses its root system.

Choose the correct answer from the options given below:



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

- (a) 2 and 4 only
- (b) 3 and 4 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4
- (e) Question not attempted

Ans-5. (d)

6. Match List I with List II.

LIST I (Process)	LIST II (Description)
A. Moulting	1) Process of extracting silk from cocoons
B. Reeling	2) Process of removing wool from the body of an animal
C. Shearing	3) Process of washing the raw, sheared wool to get rid of grease, dirt and dust
D. Scouring	4) Process of shedding outer layer

- (a) A-II, B-I, C-III, D-IV
- (b) A-IV, B-I, C-II, D-III
- (c) A-III, B-I, C-IV, D-II
- (d) A-I, B-III, C-IV, D-II

Ans-6. (b)

7. Which of the following statements regarding asexual reproductive structures in Fungi and Simple plants is/are TRUE?

- 1) Zoospores are flagellated motile spores produced inside a parent cell called zoosporangia.
- 2) Conidia are non-motile spores produced singly or in chains by constriction at the tip or laterally on special hyphal branches called conidiophores.
- 3) Gemmules are endogenous buds that are simply a copy of parent nucleus with a small amount of cytoplasm and a protective covering around.

Choose the correct answer from the options given below:

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



- (d) 3 only
- (e) Question not attempted

Ans-7. (c)

8. Which of the following statements regarding Soil is/are FALSE?
- 1) Fertile soil supports plant growth by providing plants with nutrients, acting as water holding body and serving as the substrate to which plants anchor their roots.
  - 2) Vegetation, tree cover and forest prevents soil degradation and desertification by stabilizing the soil, maintaining water and nutrient cycling.
  - 3) Grass found on pasture lands cannot protect the soil against soil erosion and also inhibits the soil biological activities.

Choose the correct answer from the options given below:

- (a) 1 and 3 only
- (b) 2 and 3 only
- (c) 2 only
- (d) 3 only
- (e) Question not attempted

Ans-8. (d)

9. Consider the following statements under Article 18 of the Indian Constitution:
- 1) Any citizen of India can take any title from any foreign state.
  - 2) In Balaji Raghavan v/s Indian Federation, 1996 the Supreme Court has announced that 'Padma-Vibhushan', 'Padma-Bhushan' and 'Padamshree' is a title but these awards violate "rights to equality".

Which of the following statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- (e) Question not attempted

Ans-9. (d)



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

10. With reference to Directive Principles of State Policy consider the following statements:

- 1) The Directive Principles of State Policy of Indian Constitution have been clearly divided into three parts, i.e. Socialist, Gandhian and Liberal.
- 2) Directive principles of State Policy related to co-operative society (under Article 43) of Indian Constitution is taken from Nehru's objective resolution of 1946.

Which of the statements given above is/are incorrect?

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

Ans-10. (c)

11. Consider the following statements:

- 1) According to the Article 356, Government could declare a state of emergency on grounds of external threat only.
- 2) Once a emergency is proclaimed the federal distribution of powers remains practically suspended and all the powers are concentrated in the hands of the union government.
- 3) The 42<sup>nd</sup> Amendment was also passed during the emergency.
- 4) Among the various changes made by 42<sup>nd</sup> Amendment, one was that the duration of the legislatures in the country was extended from 5 to 7 years.

Which of the statements given above is correct?

- (a) 1 and 4 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 3 only
- (e) Question not attempted

Ans-11. (c)



12. Arrange the following events performed by the Constituent Assembly in the correct sequence (earliest to latest)

- 1) Ambedkar's first speech in the Constituent Assembly.
  - 2) Adopted national flag by Constituent Assembly.
  - 3) Approved commonwealth membership of India
  - 4) Nehru's objective resolution
- (a) 1,2,3,4  
(b) 1,4,3,2  
(c) 4,1,2,3  
(d) 3,4,1 and 2  
(e) Question not attempted

Ans-12. (c)

13. Consider the following pairs:

**Committee of the Constituent Assembly**

**Chairperson**

- |   |                      |
|---|----------------------|
| 1) Language Committee                       | Jawaharlal Nehru     |
| 2) Union Power Committee                    | Moturi Satyanarayana |
| 3) Minority Committee                       | H.C. Mookharjee      |
| 4) Fundamental Rights Sub-committee         | J.B. Kriplani        |
| 5) Advisory Committee on Fundamental Rights | Vallabhbhai Patel    |

How many pairs given above are correctly matched?

- (a) Only 1 pair  
(b) Only two pairs  
(c) Only three pairs  
(d) All five pairs  
(e) Question not attempted

Ans-13. (c)

14. Consider the following statements regarding the Bill of rights:

- 1) The "Motilal Nehru Committee" presented a bill of rights in 1930.
- 2) A bill of rights prohibits government from thus acting against the rights of the individual and ensure a remedy in case there is a violation of these rights.



- 3) Government cannot put reasonable restrictions on the exercise of our fundamental rights.

Which of the statements given above is/are incorrect?

- (a) Only 1 and 2
- (b) Only 2 and 3
- (c) Only 1, 2 and 3
- (d) Only 1 and 3
- (e) Question not attempted

Ans-14. (d)

15. Consider the following statements:

- 1) A bill pending in the legislature of state shall lapse by reason of the prorogation of the House or Houses thereof.
- 2) A bill pending in the legislative council of a state which has been passed by the legislative assembly shall lapse on dissolution of the assembly.
- 3) A bill which is pending in the legislative assembly of a state or which have been passed by the legislative assembly is pending in the legislative council shall not lapse on a dissolution of the assembly.

Which of the statements above is/are correct?

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

Ans-15. (d)

16. Consider the following statements:

- 1) A parents or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six to fourteen years.
- 2) To provide early childhood care and education for all children until they complete the age of six years.



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

- 3) To protect and improve the natural environment including forests, lakes, rivers and wild life and to have compassion for living creatures.
- 4) To safeguard public property and to abjure violence.
- 5) To provide primary healthcare to the persons below poverty line.

Which of the statements above is/are related to fundamental duties?

- (a) 1, 2 and 3 only
- (b) 1, 3 and 4 only
- (c) 1, 4 and 5 only
- (d) 1, 3 and 5 only
- (e) Question not attempted

Ans-16. (b)

17. Given below are two statements : One is labelled as Assertion A and the other is labelled as Reason R:

**Assertion A:** Federalism in India is in recent years moving from cooperative to bargaining federal system.

**Reason R:** Residuary powers of legislation are lying with the Centre.

- (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 correct explanation of A.
- (c) A is correct but R is not correct.
- (d) A is correct but R is correct.
- (e) Question not attempted

Ans-17. (b)

18. Given below are two statements:

**Statement I:** The Indian National Congress rejected the 'Cripps Proposal' because Congress was not convinced with the dominion status offered by the British.

**Statement II:** The Muslim League accepted the 'Cripps Proposal' because the indirectly demand of Pakistan was accepted by the proposal.

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both statements I and II are true.
- (b) Both statements I and II are false.



- (c) Statement I is correct and statement II is false.
- (d) Statement I is incorrect and statement II is true.
- (e) Question not attempted

Ans-18. (c)

19. Given below are two statements:

**Statement I:** The fundamental rights are non-justiciable in the courts.

**Statement II:** The directive principles of State policy (DPSP) are made justiciable in the courts.

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both statements I and II are true.
- (b) Both statements I and II are false.
- (c) Statement I is correct and statement II is false.
- (d) Statement I is incorrect and statement II is true.
- (e) Question not attempted

Ans-19. (b)

20. Given below are two statements:

**Statement I:** 'The doctrine of basic structure' has been propounded by the Supreme Court in the Kesavananda Bharati case in 1973.

**Statement II:** The Indian Parliament has the power to amend the whole Constitution.

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both statements I and II are true.
- (b) Both statements I and II are false.
- (c) Statement I is correct and statement II is false.
- (d) Statement I is incorrect and statement II is true.
- (e) Question not attempted

Ans 20. (c)



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

21. Arrange the following movements chronologically (from earliest to latest)

- a. Kheda Satyagraha
- b. Ahmedabad Satyagraha
- c. Rowlatt Act Satyagraha
- d. Champaran Satyagraha

Choose the correct answer from the options given below:

- (a) acbd
- (b) cdab
- (c) dbac
- (d) dacd
- (e) question not attempted

Ans-21. (c)

22. Match List – I with List – II:

List – I (Schedule)	List – II (Provision/Subject)
1) First	(a) The state and the union territory
2) Second	(b) Oath
3) Third	(c) Allocation of seats in the Rajya Sabha
4) Fourth	(d) Administration and Control of Scheduled Areas and Scheduled Tribes
5) Fifth	(e) Provision as to the emoluments of the President, Judges and Comptroller and Auditor General of India

Choose the correct answer from the options given below:

- (a) 1-a, 2-b, 3-c, 4-d, 5-e
- (b) 1-b, 2-c, 3-d, 4-e, 5-a
- (c) 1-a, 2-e, 3-b, 4-c, 5-d
- (d) 1-c, 2-d, 3-a, 4-b, 5-e

Ans-22. (c)

23. Match List – I with List – II:

- | List – I          | List – II                    |
|-------------------|------------------------------|
| (a) S Khilnani    | I. The idea of India         |
| (b) Rajni Kothari | II. Democracy and Discontent |
| (c) R. Guha       | III. India after Gandhi      |



GAGAN - THE DESERVING INDIA

"Empowering future leaders"

(d) Atul Kohli IV. State against Democracy

Choose the correct answer from the options given below:

- (a) a-1, b-II, c-III, d-IV
- (b) a-IV, b-III, c-II, d-I
- (c) a-III, b-II, c-I, d-IV
- (d) a-I, b-IV, c-III, d-II
- (e) question not attempted

Ans-23. (d)

24. Match List – I with List – II:

List – I

- a. Estimate Committee
- b. Public Account Committee
- c. Rule Committee of Lok Sabha
- d. Department-related Parliamentary Standing Committee

List – II

- I. 22 Members
- II. 30 Members
- III. 31 Members
- IV. 15 Members

Choose the correct answer from the options given below:

- (a) a-II, b-I, c-IV, d-III
- (b) a-IV, b-III, c-II, d-I
- (c) a-III, b-II, c-I, d-IV
- (d) a-II, b-I, c-III, d-IV
- (e) question not attempted

Ans-24. (a)

25. Match List – I with List – II:

List – I (Articles)

- a. 265
- b. 266
- c. 267
- d. 263

List – II (Provisions)

- I. Taxes not to be imposed save by authority of law
- II. Consolidated fund of India
- III. Contingency fund
- IV. Inter-state council

Choose the correct answer from the options given below:



GAGAN - THE DESERVING INDIA  
"Empowering future leaders"

- (a) a-1, b-II, c-III, d-IV
- (b) a-IV, b-III, c-II, d-I
- (c) a-III, b-II, c-I, d-IV
- (d) a-II, b-I, c-III, d-IV
- (e) question not attempted

Ans-25. (a)



THE DESERVING INDIA