

1. Consider the following statements:

1. The Legislative Assembly of each State shall consist of not more than 500 members chosen by direct election from territorial constituencies in the State.
2. According to Constitution, the total number of members in the Legislative Council of a State shall in no case be less than forty.

Which of the statements given above is/are NOT correct?

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

2. Consider the following statements:

1. A person is not qualified to be a member of Legislative Council unless he attains thirty five years of age.
2. Constitution does not specify any upper limit for the total number of members of a State Legislative Council.

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**

3. Consider the following statements

1. Speaker of Legislative Assembly addresses his resignation to Deputy Speaker of Legislative Assembly.
2. Every member of the Legislative Assembly shall, before taking his seat takes oath before the Chief Justice of High Court.

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

4. Consider the following statements:

1. There is no requirement of Quorum for conducting meetings of a State Legislative Council.
2. If at any time during a meeting of State Legislative assembly there is no Quorum, Speaker prorogues the House.

Which of the statements given above is/are NOT correct?

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

5. Consider the following statements:

1. If a person is chosen as a member of the Legislatures of two or more States, (on the expiration of certain period specified in the rules by President), the person's seat in the Legislatures of all other States shall become vacant except in his Home State.
2. Speaker shall accept the resignation submitted by the member of a State Legislative Assembly.

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**

6. With regard to legislative procedure of an Ordinary Bill in the State legislature, which of the following statements are NOT correct?

- a) When a bill, which has originated in the council and was sent to the assembly, is rejected by the assembly, the bill ends and becomes dead.
- b) The Bill can be introduced either by a minister or a private member.
- c) **The Constitution provides for the mechanism of joint sitting of both the Houses to resolve the disagreement between the two Houses over a bill.**
- d) The legislative assembly can override the legislative council by passing the bill for the second time and not vice versa.

7. Consider the following statements:

1. The question of disqualification under the Tenth Schedule is decided by Governor.
2. When the Governor reserves any bill for the consideration of the President, the Governor will not have any further role in the assent of the bill.

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
8. Consider the following statements:
1. Members of the Legislative Assembly of a State shall be entitled to receive such salaries and allowances as may from time to time be determined, by the Parliament by law.
2. Members of the Legislative Council of a State shall be entitled to receive such salaries and allowances as may from time to time be determined, by the Legislature of the State by law.
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
9. Consider the following statements:
1. A Money Bill can be introduced in either House of State Legislature.
2. When the money bill is reserved (by Governor) for consideration of the President, then the President cannot withhold her assent to the bill.
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**
10. Consider the following statements:
1. A Bill pending in the Legislature of a State shall not lapse by reason of the prorogation of the House.
2. A Bill pending in the Legislative Council of a State which has not been passed by the Legislative Assembly shall not lapse on dissolution of the Assembly.
Which of the above statements is/are NOT correct?
a) 1 only b) 2 only
c) Both 1 and 2 **d) Neither 1 nor 2**
11. Consider the following statements:
1. Endonucleases remove nucleotides from the ends of the DNA.
2. Exonucleases make cuts at specific positions within the DNA.
Which of the statements given above is/are NOT CORRECT?
a) 1 only b) 2 only
c) Both 1 and 2 **d) Neither 1 nor 2**
12. Consider the following statements:
1. A plasmid can be used as vector to deliver an alien piece of DNA into the host organism.
2. The cutting of DNA at specific locations is not possible.
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
13. Consider the following statements regarding introduction of alien DNA into host cells:
1. In a method known as biolistics, recombinant DNA is directly injected into the nucleus of an animal cell.
2. In another method, suitable for plants, cells are bombarded with high velocity micro particles of gold or tungsten coated with DNA in a method known as gene gun.
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
14. Consider the following statements:
1. Asexual reproduction preserves the genetic information, while sexual reproduction permits variation.
2. Traditional hybridisation procedures used in plant and animal breeding, very often lead to inclusion and multiplication of undesirable genes along with the desired genes.
Which of the statements given above is/are NOT CORRECT?
a) 1 only b) 2 only
c) Both 1 and 2 **d) Neither 1 nor 2**

15. Consider the following statements:

1. In a chromosome there is a specific DNA sequence called the origin of replication, which is responsible for initiating replication.
2. An alien DNA is linked with the origin of replication, so that, this alien piece of DNA can replicate and multiply itself in the host organism.

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

16. In which of the parts of a cell, DNA is found?

- a) **Nucleus**
- b) Endoplasmic reticulum
- c) Golgi Apparatus
- d) None of the above

17. Consider the following statements regarding IndiGen initiative:

1. The initiative was undertaken by Indian Council of Medical Research.
2. Under the initiative the whole genome sequencing of the whole population of Kerala, Bihar was conducted.

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**

18. Consider the following statements.

1. Cloning of organisms is not possible through asexual reproduction.
2. Cloning does not occur naturally.

Which of the above statements is/are correct?

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

19. Which among the following are examples of biotechnology?

1. Beer brewing
2. Cloning
3. Gene Therapy

Select the correct answer using the code given below:

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

20. Which of the following statements are correct about DNA and RNA?

1. All four Bases present in DNA and RNA are same, but their combination is different.
2. Both DNA and RNA are double stranded.

Select the correct answer using the code given below:

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

21. Consider the following statements about Sudan and Israel:

1. Sudan is a peninsular country with Red Sea to West and Israel to its south-east
2. Sudan is the third country after Bahrain and UAE to forge diplomatic relations with Israel in recent times.

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
22. With reference to Polio, consider the following statements:
1. Polio is a crippling and potentially deadly viral infectious disease that affects the skeletal system.
2. The virus is transmitted by person-to-person mainly through the faecal-oral route.
3. India received polio-free certification by the WHO in 2020.
Which of the statements given above is/are correct?
a) 1 and 2 only
b) **2 only**
c) 1 and 3 only
d) 1, 2 and 3
23. With reference to the Circular Economy, consider the following statements:
1. It is an economy where almost everything of a product gets reused, remanufactured, and recycled.
2. Circular economy initiatives in India are undertaken by the National Productivity Council (NPC).
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
24. With reference to Indian Tsunami Early Warning System, consider the following statements:
1. It is based in Chennai.
2. It was established by the Ministry of Earth Sciences.
3. It also provides the services for Indian Ocean Rim countries.
Which of the statements given above is/are correct?
a) **3 only**
b) 2 and 3 only
c) 1 and 2 only
d) 1, 2 and 3
25. Consider the following statements:
1. The impeachment process is used for the removal of judges of the Supreme Court only.
2. Article 121 bars any discussions in Parliament with respect to the conduct of any judge of the Supreme Court or of the High Court.
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