

- 1. With reference to the 'One health concept' consider the following statements:
 - 1) It is an approach that recognizes that the health of people is closely connected to the health of animals and environment around us.
 - 2) It derives its blueprint from the agreement between the tripartite-plus alliance comprising the FAO, the WHO and the World Organisation for Animal Health (OIE)Which of the above statements is/are correct?
 - a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
- 2. With reference to the census, consider the following statements:
 - 1) The first synchronous census was taken under British rule in 1881
 - 2) In the sixteenth census, for the first time information of households headed by a person from the Transgender Community and members living in the family will be collected.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2
- 3. What is unemployment trap?
 - a) A situation when unemployment benefits discourage the unemployed to go to work.
 - b) A situation where people working informally, without proper job contracts and thus sans any legal protection.
 - c) It refers to the time lag between the jobs when an individual is searching for a new job or is switching between the jobs.
 - d) It is loss of jobs due to changes in technology.

- 4. Consider the following statements regarding the Devika river:
 - 1) It originates in Uttarakhand.
 - 2) It holds religious significance as it is revered as the sister of the river Ganga Which of the above statements is/are correct?
 - a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
- Consider the following statements about Coalition for Epidemic Preparedness Innovations (CEPI
 - CEPI is focused on the World Health Organization's (WHO) "blueprint priority diseases",
 - 2) It is formed at WHO conference in 2017 in partnership with India and Norway Which of the above statements is/are correct?
 - a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
- 6. Consider the following statements:
 - 1) The combustible gases generated from biomass gasification consist of hydrogen and carbon dioxide only.
 - 2) The combustible gases generated from biomass gasification can be used for direct heat generation but not in internal combustion engines.

Which of the above statements is/are correct?

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

- 7. Consider the following statements:
 - 1) World's first sea cucumber reserve is created in Tamil Nadu.
 - 2) There is a total ban on harvesting of sea cucumbers and transporting them in any form for commercial use in India

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2
- 8. Which of the following statements is true regarding soft robots?
 - Soft robots focus on technologies that more closely resemble the physical characteristics of living organisms.
 - 2) Soft robots are used for medical applications.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2
- 9. "A category of unemployment arising from the mismatch between the jobs available in the market and the skills of the available workers in the market." Which type of unemployment is referred in the above passage
 - a) Cyclical Unemployment
 - b) Frictional Unemployment
 - c) Disguised Unemployment
 - d) Structural Unemployment
- 10. Which one of the following statements best describes the role of B cells and T cells in the human body?
 - a) They protect the body from environmental allergens.
 - b) They alleviate the body's pain and inflammation.

- c) They act as immunosuppressants in the body.
- d) They protect the body from the diseases caused by pathogens.