

ENVIRONMENT

- Who among the following has proposed deterministic concept in the context of man and environment relation?
 - Ratzel**
 - Vidal de La Blache
 - Ernst Haeckel
 - Tansley
- The example of 'Lentic Habitat' in the freshwater community is
 - ponds and swamps**
 - waterfalls and rivers
 - ponds and rivers
 - All of the above
- Mycorrhiza represents
 - symbiotic association between a fungus and liverworts.
 - parasitic association between a fungus and an algae.
 - parasitic association between a fungus and roots of plants.
 - symbiotic association between a fungus and roots of higher plants.**
- Under the National Air Quality Monitoring Programme (NAMP) which of the following air pollutants are regularly monitored at all locations?
 - Oxides of Nitrogen
 - Suspended Particulate Matter
 - Respirable Suspended Particulate Matter (RSPM)
 - Sulphur Dioxide Codes
 - I and II
 - II, III and IV
 - All are monitored**
 - All except III
- Which of the following countries suffer from the acid rains?
 - Canada
 - France
 - Norway
 - Germany

Select the correct answer using the code below.

 - I and II
 - I and III**
 - II and III
 - III and IV
- "Knock-Knee Syndrome" is caused by the pollution of
 - Mercury
 - Lead
 - Arsenic
 - Fluoride**

- The use of micro-organism metabolism to remove pollutants such as oil spills in the water bodies is known as
 - Biomagnification
 - Bioremediation**
 - Biomethanation
 - Bioreduction
- Which of the following gas has highest contribution in global warming?
 - Carbon dioxide**
 - Chlorofluorocarbon
 - Nitrous oxide
 - Methane
- Consider the following statements
 - Under the Kyoto Protocol the developed countries which pay for the costs of developing countries are under Annexure I.
 - EU is under Annexure I.

Which of the statements given above is/are true?

 - Only I
 - Only II**
 - Both I and II
 - None of the above
- Given below are two statements, one is labelled as Assertion (A) and the other as Reason (R). Assertion (A) Maximum number of the species of butterflies are found in tropical countries. Reason (R) Butterflies cannot tolerate low temperatures.

Select the correct answer using the codes given below.

 - Both A and R are true and R is the correct explanation of A**
 - Both A and R are true, but R is not the correct explanation of A
 - A is true, but R is false
 - A is false, But R is true

ECONOMY

- Which one among the following pairs is not correctly matched?
 - When total product increases at an increasing rate – Marginal product increases
 - When total product increases at a diminishing rate – Marginal product declines
 - When total product reaches its maximum – Marginal product becomes zero
 - When total product begins to decline – Marginal product becomes positive**
- Consider the following statements.
 - Agricultural sector is continued to be the primary employment providing sector of India.
 - Service sector is the principal source of

employment in urban areas in India. Which of the statements given above is/are correct?

- (a) Only I (b) Only II (c) **Both I and II** (d) Neither I nor II

13. Which one of the following equals Personal Disposable Income?

- (a) **Personal Income – Direct taxes paid by households and miscellaneous fees, fines etc.**
(b) Private Income – Saving of Private Corporate Sectors – Corporation Tax
(c) Private Income – Taxes
(d) Total Expenditure of Households – Income Tax gifts received

14. Gross National Product – Depreciation Allowance = ?

- (a) Per Capita Income
(b) Gross Domestic Product
(c) Personal Income
(d) **Net National Product**

15. Which of the following UN commission is responsible for reviewing progress in the implementation of Agenda 21 and the Rio Declaration on Environment and Development?

- (a) United Nation Disarmament Commission
(b) United Nation Statistical Commission
(c) **United Nations Commission on Sustainable Development**
(d) United Nations Commission on Human Rights

16. In the year 1944, which of plan was formulated by the Shri Manna Narayan?

- (a) **Gandhiwadi Plan**
(b) M. Visvesvaraya Plan
(c) M.V Bombay Plan
(d) Five year Plan

17. Which one of the following can aid in furthering the Government's objective of inclusive growth?

- I. Promoting self-help group.
II. Promoting micro, small and medium enterprises.

III. Implementing the rights to education.

Select the correct answer using the codes given below.

- (a) **I, II and III**
(b) I and III
(c) I and II
(d) Only II

18. In rural India, Per Capita Consumption is ` 32 and in urban area it is ` 47 per day, this demarcation of the poverty line was given by

- (a) **SD Tendulkar Committee**
(b) C Rangarajan Committee
(c) Montek Singh Ahluwalia Committee
(d) Yashwant Sinha Committee

19. Which one of the following laws/curves stated that the lower the unemployment in an economy, the higher the rate of inflation?

- (a) Gini's Curve
(b) Verdoorn's Law
(c) Gibrat's Law
(d) **Phillips Curve**

20. The importance of agriculture in Indian economy is indicated by its contribution to which of the following?

- (a) National income and employment
(b) Industrial development and international trade
(c) Supply of food grains
(d) **All of the above**

CURRENT AFFAIRS

21. With reference to Neuromorphic Computing, consider the following statements:

1. It is type of computing that mimics the behavior of the human brain.
2. It works on the principles of Spiking (or Artificial) Neural Networks (SNN).

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. Consider the following statements regarding Pralay Missile:

1. It is India's first conventional quasi-ballistic missile.
2. It is a derivative of the Prahaar missile programme.
3. It is the longest-range surface-to-surface missile in Indian Army's inventory.

Which of the above statements is/are correct?

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

23. Consider the following statements regarding 'National Medical Commission (NMC)':

1. It replaced the erstwhile Medical Council of India (MCI).
 2. It has been constituted as per the provisions of the National Medical Commission Act, 2019.
- 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

24. Consider the following statements:

- 1. All the five species of rhinos are found in Asia.
- 2. The IUCN status of black rhinos is critically endangered.
- 3. The Great One-Horned Rhino is also known as Indian Rhino.

Which of the statements above is/are correct?

- a. 1 and 2 only
- b. 1 and 3 only
- c. 2 and 3 only**

d. 1, 2 and 3

25. The Performance Grading Index for Districts (PGI-D) is released by which of the following institutions?

- a. NITI Aayog
- b. World Bank
- c. Ministry of statistics, program and implementation
- d. Ministry of Education**



VANIK-IAS
Exclusive Coaching for UPSC/OPSC