Prelims Practice Questions 17-01-2018

01. Consider the following statements.

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\n
1. Justice Malimath committee is related to reforms in Criminal Justice system.
\n
2. The government has implemented its recommendations.
\n

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Which of the above statements is/are correct?

\n\n

\n
a. 1 only
\n
b. 2 only
\n
c. Both 1 and 2
\n
d. Neither 1 nor 2
\n

\n\n

\n\n

02. Consider the following statements.

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\n
1. Recently, a Megalithic era Sarcophagus is unearthed at Chevayur and Atholi in Karnataka.
\n
2. Sarcophagus refers to a stone coffin.
\n

\n\n

Which one of the above statements is/are correct?

\n\n

\n
a. 1 only
\n
b. 2 only
\n
c. Both 1 and 2
\n
d. Neither 1 nor 2
\n

\n\n

\n\n

03. Consider the following statements.

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\n
1. Acacia is an endemic species in the Palani Hill range of Western Ghats.
\n
2. Nilgiri Pipit is a bird, which is endemic to the high altitude southern hills of Southern India.
\n

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Which of the above statements is/are correct?

\n\n

\n
a. 1 only
\n
b. 2 only
\n
c. Both 1 and 2
\n
d. Neither 1 nor 2
\n

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04. The Annual Status of Education Report, 2017 is published by which one of the following?

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\n
a. UNESCO
\n
b. Ministry of Human Resource and Development
\n
c. PRATHAM
\n
d. Ministry of Statistics and Programme Implementation
\n

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05. Consider the following statements.

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\n
1. Baba Farid is a sufi saint from Punjab who belongs to 8^{th} century.
\n
2. He was also referred to as ‘Shankar Ganj’.
\n
3. He has visited Jerusalem in his lifetime.
\n

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Which of the above statements is/are correct?

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\n
a. 1 and 2 only
\n
b. 2 and 3 only
\n
c. 1 and 3 only
\n

d. 1, 2 and 3
\n

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06. Which of the following is/are ***not*** Abiotic components?

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\n
1. Decomposers
\n
2. Organic Compounds
\n
3. Light
\n

\n\n

Select the correct answer using the code given below:

\n\n

\n
a. 1 only
\n
b. 1 and 2 only
\n
c. 2 and 3 only
\n
d. 1, 2 and 3
\n

\n\n

\n\n

07. Which of the following interactions is/are the positive biological interactions between two species?

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\n
1. Predation
\n

2. Amensalism
\n
3. Competition
\n

\n\n

Select the correct answer using the code given below:

\n\n

\n
a. 3 only
\n
b. 1 and 2 only
\n
c. 2 and 3 only
\n
d. None of the above
\n

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08. New Delhi declaration on education is associated with which of the following inter governmental organization?

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a. SAARC
\n
b. BIMSTEC
\n
c. BRICS
\n
d. SCO
\n

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09. The plankton which are major fish feed can grow using the manures provided by the livestock which are getting raised at the side of fish farms.

Near the fish farms, silk worms can also be raised (i.e. sericulture)". Which of the following farming method correctly described by above passage?

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\n
a. Mixed farming
\n
b. Integrated farming
\n
c. Diversified farming
\n
d. Specialized farming
\n

\n\n

\n\n

10. Consider the following statements regarding the methods of measuring Biodiversity:

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\n
1. Alpha diversity indicates the diversity between the communities.
\n
2. Beta diversity indicates the diversity within the community.
\n
3. Gamma diversity refers to the diversity of the habitats over the total landscape.
\n

\n\n

Which of the statements given above is/are correct?

\n\n

\n
a. 3 only
\n
b. 1 and 2 only
\n
c. 2 and 3 only
\n
d. 1, 2 and 3

\n

\n\n

\n\n

Answers and Explanation

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1. a

\n\n

The recommendations of the committee were never implemented.

\n\n

2. b

\n\n

Megalithic era Sarcophagus is unearthed at Chevayur and Atholi in Kerala.

\n\n

3. b

\n\n

Acacia is an invasive species in the Palani Hill range of Western Ghats.

\n\n

4. c

\n\n

5. b

\n\n

Baba Farid is a 12^{th} century sufi saint from Punjab.

\n\n

6. a

\n\n

Abiotic components of an ecosystem include all chemical and physical elements i.e. non-living components.

\n\n

7. d

\n\n

Positive Interactions: a) *Commensalism*: One species (the commensal) benefits, while the other species has neutral Interactions. b) *Neutralism*: Neither species affects the other (the host) is neither harmed nor inhibited c) *Mutualism*: Interaction is favourable to both species

\n\n

8. c

\n\n

9. b

\n\n

10. a

\n\n

Alpha diversity indicates diversity within the community. Beta diversity indicates the diversity between the communities.

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Share your answers and thoughts in the comment section

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