



## BIYANI GIRLS COLLEGE

1<sup>st</sup> internal Exam 2019-20

### Paper First – Physical Geography

Set – A

Time allowed: 1.30 Hours

Maximum Marks: (40)

#### [I] Answer the following questions

- The fault which is formed due to shifting of laterals towards each other after origin of fracture in rocks is:-  
(a) Reverse fault(b) Normal fault  
(c) Lateral fault(d) Step fault.  
चट्टानों में दरार उत्पन्न होने के बाद जब पार्श्व एक-दूसरे की ओर खिसकते हैं तो जिस भंश का निर्माण होता है, वह है।  
(a) व्युत्क्रम भंश(b) सामान्य भंश  
(c) पार्श्वीय भंश(d) सोपानी भंश।
- The process of heat transfer in which medium is essential but its particles do not move, is :-  
(a), Conduction(b) Convection  
(c) Radiation(d) Expansion and Contraction  
ऊष्मा स्थानान्तरण की क्रिया जिसमें माध्यम की उपस्थिति आवश्यक है, परन्तु माध्यम के कण गति नहीं करते, वह है।  
(a) परिचालन(b) संवहन  
(c) विकिरण(d) प्रसार एवं संकुचन।
- Which of the following phenomenon are caused by the inclination of the Earth on its ecliptic plane?
  - Variation in length of day and night
  - Variation in position of the Midday Sun
  - Variation in intensity of solar insolationSelect the correct answer using the code given below.  
(a) 1 and 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

4. Consider the following statements with regard to effects of propagation of earthquake waves:

1. Primary waves cause stretching and squeezing of the material.

2. Secondary waves create troughs and crests in the material.

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

5. Sargasso Sea is associated with which of the following oceans?

a. Indian Ocean

b. Antarctic Ocean

c. Atlantic Ocean

d. Pacific Ocean

6. Along which of the following plate boundaries, the crust is destroyed?

1. Convergent Boundary

2. Divergent Boundary

3. Transform Boundary

Select the correct answer using the code given below.

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1 and 3 only

7.

With reference to the Earth's crust, which of the following statements is/are *not* correct?

1. It is the outer thin layer with a thickness of upto 200 km.

2. The continental crust is formed by basaltic rocks.

3. The ocean floors are formed by granitic rocks.

Select the correct answer using the code given below.

(a) 1 only

(b) 2 and 3 only

(c) 1 and 2 only

(d) 1, 2 and 3

8. Which among the following is/are major plates?
1. Eurasian plate
  2. Arabian plate
  3. Cocos plate
- Select the correct answer using the code given below.
- (a) 1 only
  - (b) 2 and 3 only
  - (c) 1 and 3 only
  - (d) 1, 2 and 3
9. Thickness of Mantle Layer is about ?
- (A) 2900 Km
  - (B) 3100 Km
  - (C) 3300 Km
  - (D) 3500 Km
10. Which is correct order of Ocean sizes in decreasing ?
- (A) Pacific Ocean, Indian Ocean, Atlantic Ocean, Arctic Ocean
  - (B) Arctic Ocean, Pacific Ocean, Indian Ocean, Atlantic Ocean
  - (C) Pacific Ocean, Atlantic Ocean, Indian Ocean, Arctic Ocean
  - (D) Atlantic Ocean, Indian Ocean, Arctic Ocean, Pacific Ocean
11. Great Dividing Range mountain is in ?
- (A) Asia
  - (B) Atlantica
  - (C) Europe
  - (D) Australia
12. Who gave the theory of of “sea floor spreading”?
- a) Alfred wegner
  - b) Hery hess
  - c) Arthyer Homes
  - d) Joly

**[II]Answer the following questions in 50 words**

1. (A) Locate the following in the outline map of India provided to you
  - i)Alps Mount
  - ii)Red Sea
  - iii)Tokyo
  - iv) Panama Canal
2. What do you understand by Isostasy ?

**[III]Answer the following questions in 150 words.**

1. Explain the Pratt and Airy’s Theory of Isostasy.
2. “ Geosynclines are the orogen of mountains” Explain with Suitable Examples by Kobber’s.



**BIYANI GIRLS COLLEGE**

1<sup>st</sup> internal Exam 2019-20

**Paper First – Physical Geography**

**Set – B**

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**[I] Answer the following questions :**

1.

With reference to the Earth's crust, which of the following statements is/are *not* correct?

1. It is the outer thin layer with a thickness of upto 200 km.
2. The continental crust is formed by basaltic rocks.
3. The ocean floors are formed by granitic rocks.

Select the correct answer using the code given below.

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

2. Which is correct order of Ocean sizes in decreasing ?

- (A) Pacific Ocean, Indian Ocean, Atlantic Ocean, Arctic Ocean
- (B) Arctic Ocean, Pacific Ocean, Indian Ocean, Atlantic Ocean
- (C) Pacific Ocean, Atlantic Ocean, Indian Ocean, Arctic Ocean
- (D) Atlantic Ocean, Indian Ocean, Arctic Ocean, Pacific Ocean

3. Great Dividing Range mountain is in ?

- (A) Asia
- (B) Atlantica
- (C) Europe
- (D) Australia

4. Who gave the theory of of “sea floor spreading”?

- e) Alfred Wegener
  - f) Harry Hess
  - g) Arthur Holmes
  - h) Joly
5. Which among the following is/are major plates?
- 4. Eurasian plate
  - 5. Arabian plate
  - 6. Cocos plate
- Select the correct answer using the code given below.
- (e) 1 only
  - (f) 2 and 3 only
  - (g) 1 and 3 only
  - (h) 1, 2 and 3
6. Thickness of Mantle Layer is about ?
- (A) 2900 Km
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7. Consider the following statements with regard to effects of propagation of earthquake waves:
- 1. Primary waves cause stretching and squeezing of the material.
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- Which of the statements given above is/ are correct?
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  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
8. Sargasso Sea is associated with which of the following oceans?
- a. Indian Ocean
  - b. Antarctic Ocean
  - c. Atlantic Ocean
  - d. Pacific Ocean
9. Along which of the following plate boundaries, the crust is destroyed?

4. Convergent Boundary
5. Divergent Boundary
6. Transform Boundary

Select the correct answer using the code given below.

- (e) 1 only
- (f) 1 and 2 only
- (g) 2 and 3 only
- (h) 1 and 3 only

10. The fault which is formed due to shifting of laterals towards each other after origin of fracture in rocks is:-

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- (b) Normal fault
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चट्टानों में दरार उत्पन्न होने के बाद जब पार्श्व एक-दूसरे की ओर खिसकते हैं तो जिस भ्रंश का निर्माण होता है, वह है।

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- (d) सोपानी भ्रंश।

11. The process of heat transfer in which medium is essential but its particles do not move, is :-

- (a), Conduction
- (b) Convection
- (c) Radiation
- (d) Expansion and Contraction

ऊष्मा स्थानान्तरण की क्रिया जिसमें माध्यम की उपस्थिति आवश्यक है, परन्तु माध्यम के कण गति नहीं करते, वह है।

- (a) परिचालन
- (b) संवहन
- (c) विकिरण
- (d) प्रसार एवं संकुचन।

12. Which of the following phenomenon are caused by the inclination of the Earth on its ecliptic plane?

1. Variation in length of day and night
2. Variation in position of the Midday Sun
3. Variation in intensity of solar insolation

Select the correct answer using the code given below.

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

(c) 2 and 3 only

(d) 1, 2 and 3

**[II] Answer the following questions in 50 words**

1. (A) Locate the following in the outline map of India provided to you

i. Mariana Trench

ii. Black Sea

iii. Suez Canal

iv. (Gobi Desert)

2. What do you understand by Isostasy ?

**[III] Answer the following questions in 150 words.**

1. Explain the Pratt and Airy's Theory of Isostasy.

2. Describe the Convection current Theory by Holmes.