

BISHOP SCOTT BOYS' SCHOOL

(Affiliated to CBSE, New Delhi) Affiliation No.: 330726, School Campus: Chainpur, Jaganpura, By-Pass, Patna 804453.

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REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-English

SESSION-2020-21

CLASS- XI

TOPICS: Landscape of the Soul **Laburnum Top**

MCQ

[1x5=5 Marks]

Q.1 The bird that has a nest in the Laburnum tree is:

- A) Crane
- B) Sparrow
- C) Goldfinch
- D) Parrot

Q 2. 'September sunlight', which literary device has been used by the poet

- A) Metaphor
- B) Alliteration
- C) Simile
- D) Personification

Q 3. After the Goldfinch flies away, The tree subsides to being dull again.:

- A) True
- B) False

Q4. Who is the author of Landscape of The Soul?

- A) Nathalie Trouveroy
- B) Rama Rao

C) Krishna Rao

D) Pearl S Buck

Q5. Who was Wu Dauzi?

A) The Author

B) King

C) Emperor

D) A Painter

One word/One Sentence Answer questions:

[1x5=5 Marks]

Q.1 What is the middle void in landscape of the soul?

Q.2 What do mountain and water represent in Shanshui?

Q.3 What is the third element or the Middle void?

Q. 4 What does the Laburnum top symbolize?

Q. 5 Why is the goldfinch compared to a lizard?

Short Answer type questions:

[2x3=6 Marks]

1. Why is the goldfinch stealing into her nest?
2. What happens when the goldfinch enters the three branches of the laburnum?
3. What does the writer say about Quinten's painting?

Long Answer type question:

1. What did Wu daozi paint and what was so special about it?

[4 Marks]

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- MATHEMATICS

SESSION-2020-21

CLASS-11th

TOPIC: COMPLEX NUMBERS

Section A

{1×5 = 5}

- The value of $(1+i)(1+i^2)(1+i^3)(1+i^4)$ is :
(A) 2 (B) 0 (C) 1 (D) i
- If $\frac{3+2i \sin \theta}{1-2i \sin \theta}$ is a real number and $0 < \theta < 2\pi$, then $\theta =$
(A) π (B) $\frac{\pi}{2}$ (C) $\frac{\pi}{3}$ (D) $\frac{\pi}{6}$
- If $a = 1 + i$ then a^2 equals
(A) $1 - i$ (B) $2i$ (C) $(1+i)(1-i)$ (D) $i - 1$
- $(\sqrt{-2})(\sqrt{-3})$ is equal to
(A) $\sqrt{6}$ (B) $-\sqrt{6}$ (C) $i\sqrt{6}$ (D) none of these
- If $(x + iy)^{\frac{1}{3}} = a + ib$, then $\frac{x}{a} + \frac{y}{b} =$
(A) 0 (B) 1 (C) -1 (D) none of these

Section B {1×5 = 5}

- The value of the square root of i is
- The argument of $-i$ is
- The least positive value of n for which $\left(\frac{1+i}{1-i}\right)^n$ is real is
- The conjugate of $3 + 7i$ is
- The value of i^3 is

Section C {2×3 = 6}

- Find the multiplicative inverse of $3 + 2i$.

12. Evaluate : $i^{582} + i^{583} + i^{584} + i^{585}$

13. Find the value of $\left\{i^{17} - \left(\frac{1}{i}\right)^{34}\right\}^2$.

Section D{4×1 = 4}

14. If $z = 2 - 3i$, show that $z^2 - 4z + 13 = 0$ and hence find the value of $4z^3 - 3z + 169$.



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- BIOLOGY

SESSION-2020-21

CLASS- XI

TOPIC: ANIMAL KINGDOM

I. Multiple choice questions.

1×5= 5 marks

1. Association between sucker fish (Remora) and shark is

- (a) commensalism
- (b) symbiosis
- (c) predation
- (d) parasitism.

2. Which is not a true amphibian animal?

- (a) salamander
- (b) toad
- (c) tortoise
- (d) frog

3. Both male and female pigeons secrete milk through

- (a) salivary glands
- (b) modified sweat glands
- (c) crop
- (d) gizzard.

4. Phenomenon of organisms resembling others for escaping from enemies is



(a) adaptation

(b) mimicry

(c) homology

(d) analogy

5. Earthworms are

(a) useful

(b) harmful

(c) more useful than harmful

(d) more harmful.

II. Answer in one word or in one sentence.

1×5= 5 marks

1. What is mesogloea ?

2. Name a free living & a parasitic Platyhelminths.

3. In which phylum do the adults exhibit radial symmetry and larva exhibit bilateral symmetry?

4. When is the development of an organ called as Indirect?

5. Name the arthropod which is a Gregarious pest.

III. Answer in 2-3 sentences.

2×3= 6 marks

1. What is bioluminescence? Give an example.

2. Name the classes of vertebrates with two, three and four-chambered hearts.

3. Mention the role of the radula in Molluscs.

IV. Answer in detail.

4×1= 4 marks

1. Differentiate between open and closed circulatory system?



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REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- Chemistry

SESSION-2020-21

CLASS-XI

TOPIC: CHAPTER- Chemical Bonding

Answer the following questions as instructed :- F.M : 20

SECTION_I : Objective Questions : MCQ Types

1 X 5 = 5

1 in covalent bond

(a) transfer of electrons take place

(b) both

(c) Sharing of electrons take place

(d). none

2. The number of lone pair in water is

(a) 1

(b) 3

(c) 2

(d) None

3. Exception of octet rules is

(a) expanded octet

(b) hydrogen

(c) incomplete octet

(d) all

4. Phosphorus pentachloride has shape

(a) spherical

(b) linear

(c) trigonal bipyramidal

(d) all

5. geometry of water is

(a) linear

(b) tetrahedral

(c) bent

(d) none

SECTION_II : Objective Questions : Answer on one word only 1 X 5 = 5

6. Atom combines to form octet is called

7. Intermixing of orbital is called

8. The shape of ammonia is

9. The hybridization in water is

10. bond between hydrogen and fluorine (more electronegative) is called

SECTION _III : Short Answer Type Questions

2 X 3 = 6

11. Explain VSEPR Theory

12. What is intermolecular hydrogen bond

13. Explain Fajans rules

SECTION _IV : Long Answer Type Question

1 X 4 = 4

14. Explain main postulate of molecular orbital theory.

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Sarvada
Sarva shreshth
HOLISTIC DEVELOPMENT

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- PHYSICS

SESSION-2020-21

CLASS-XI

TOPIC: CHAPTER 05- LAWS OF MOTION

Answer the following questions as instructed :- F.M : 20

SECTION_I : Objective Questions : MCQ Types

1 X 5 = 5

1. Which of the following statement is not true about Newton's second law of motion

$$F = ma$$

(a) the second law of motion is consistent with the first law

(b) the second law of motion is a vector law

(c) the second law of motion is applicable to a single point particle

(d) the second law of motion is not a local law

2. Which of the following is not force

(a) impulse

(b) Tension

(c) Thrust

(d) Weight

3. The driver of a car suddenly sees a broad wall in front of him he should

(a) break sharply

(b) turn sharply

(c) both (a) and (b)

(d) none of these

4. A body subjected to three concurrent forces is found to be in equilibrium the resultant of any two forces

(a) is equal to 3rd force

(b) is opposite to third force

(c) is equal and opposite to the third force

(d) all of these

5. A car accelerates on a horizontal road due to the force exerted by

(a) the engine of the car

(b) the driver of the car

(c) the car on Earth

(d) the road on the car

SECTION II : Objective Questions : Answer on one word only 1 X 5 = 5

6. Write Newton's first law of motion.

7. State Newton's second law of motion.

8. Write Newton's third law of motion.

9. Write the relation between impulse and momentum.

10. What do you mean by inertia.

SECTION _III : Short Answer Type Questions

2 X 3 = 6

11. Explain impulse momentum theorem.

12. What do you mean by friction. Write the laws of friction.

13. What do you mean by angle of friction and angle of repose? Prove that angle of friction is equal to the angle of repose.

SECTION _IV : Long Answer Type Question

1 X 4 = 4

14. (a) What do you mean by centripetal force? Find the expression for the centripetal force.

(b) Find the expression for the velocity of a car moving on a banked circular road.

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT –INFORMATICS PRACTICES

SESSION-2020-21

CLASS-XI

TOPIC:PYTHON FUNDAMENTALS (CHAPTER-5)

1. Answer in one word:

5*1=5

- Generate a sequence of list type.
- A succession of values bound together by a single name.
- Can terminate a loop immediately and the control passes over to the statement.
- Entry control loop
- A loop that never needs.

2. What this will generate write output:

5*1=5

- Range(10)**
- Range(5,10)**
- Range(5,15,3)**
- Range(9,3,-1)**
- Range(10,1,-2)**

3. Answer the following questions:

3*2=6

- Use the python range() function to create the following list: [7,3,-1,-5]
- Explain the FOR loop with one example.
- Define IF else and IF..ELSE statement with one example of each.

4. Answer the question :

4

- Write a program to input length of three sides of triangle. Then check if these sides will form a triangle or not.



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- PHYSICAL EDUCATION

SESSION-2020-21

CLASS- XI

TOPIC: Children and Woman in Sports

TOTAL MARKS =20

Q1. Multiple Choice Questions .

(1 x 5 = 5)

A: The Paralympic games are organised after the completion of:

- (a) Asian Games (b) SAF Games (c) Olympic Games (d) Common wealth Games

B: IOC was formed in

- (a) 1886 (b) 1884 (c) 1892 (d) 18801

C: Ancient olympic Games were organised in the honour of good.

- (a) Hercules (b) Theonosis (c) Posedon (d) Zues

D: How many rings olympic symbol has

- (a) Three (b) Two (c) Five (d) Four

E: Where is the headquarters of IOC.

- (a) Newyork (b) Switzerland (c) Paris (d) France

Q 2 . Very Short Questions Answer

(1 x 5 = 5)

Question i: Write a short note on the Olympic Flag?

Question ii: Briefly explain development of values through Olympic movement?

Question iii: Describe in brief the eligibility criteria for Dronacharya Award?

Question iv: Describe the objectives of CBSE sports?

Question v: Write a short notes on the origin of Para Olympic Games.

Q3. Short Question Answer

(2 x 3 = 6)

Question i: What is Olympic Oath?

Question ii: Give a brief account of the ancient Olympic Games.

Question iii: Briefly explain the development of values through Olympic movement?

Q 4. Long Answer Type Question

(4 x 1 = 4)

Question i: Give the important function of International Olympic Association.

or

Question ii Describe the formation and objectives of Indian Olympic association.