## QUARTERLY COMMON EXAMINATION - 2022 SCIENCE

0 - STD

me: 2.30 Hrs

9205

Marks: 75

## PART - I

 $12 \times 1 = 12$ Answer all the questions. Choose the most suitable answer and write the code with the corresponding answer.

- Which among the following is not a device to measure mass?
- a) spring balance
- b) beam balance c) physical balance d) digital balance
- The area under velocity time graph represents 2.

  - a) velocity of the moving object b) displacement the covered by the moving object
  - speed of the moving object
- d) acceleration of the moving object
- Clouds float in atmosphere because of their low 3.
  - a) density
- b) pressure
- c) velocity
- d) mass

- Among the following ..... is a mixture. 4.
  - by juice a) common salt

- c) Carbon di oxide d) pure silver
- The correct electronic configuration of Potassium is 5.
- 2,8,1
- g) 2,8,8,1
- d) 2,8,8,3
- Elements in the modern periodic table are arranged in ...... groups and ..... 6.
  - periods. a) 7,18
- b) 18,7

- q) 17,8
- d) 8,17

- Mesoglea is present in 7.
  - a) Porifera
- b) Coelenterata
- c) Annelida
- d) Arthopoda

- Excretory organ of tape worm is 8.
  - a) flame cells The tissue composed of living thin walled polyhedral cell is
- b) nephridia
- c) body surface
- d) solenocytes

- 9.
  - a) Parenchyma
- b) Collenchyma
- c) Sclerenchyma
- d) none of above

- 10. Aerenchyma is found in
  - a) Epiphytes
- by Hydrophytes -
- c) Halophytes
- d) Xerophytes

- 11. Transpiration takes place through .....
  - b) seed

- c) flower
- )d) stomata
- 12. Which key should be pressed to run a slide show?

- (e) F5
- d) F2

- a) F1
- b) Tab

- PART II

- Answer any seven questions. Question number 22 is compulsory. II 13. Define measurement.
- 14. Match the following.

## Column - I

- Column II
- 1. Length
- a) Kelvin

2. Mass

b) Metre

c) Kilogram

3. Time

- d) Second
- 4. Temperature 15. Compare speed and velocity.
- 16. State Pascal's law.
- 16. State rused is like in the state of 'Dettol' when added to water the mixture turns turbid. Why?

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b) Differentiate between tropic and nastic movements.

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