

# General Science Questions & Answers, Explanations

**1. Anatomy is a branch of Science which deals with:**

- A. Structure of animals and plants
- B. Functioning of body organs
- C. Animal behaviour
- D. Cells and tissues

**Ans. A**

**2. Oncology is the study of:**

- A. Birds
- B. Cancer
- C. Mammals
- D. Soil

**Ans. B**

**3. Numismatics is the study of:**

- A. Coins

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B. Numbers

C. Stamps

D. Space

**Ans. A**

**4. Eugenics is the study of:**

A. Different races of mankind

B. Genetics of plants

C. People of European region

D. Altering human beings by changing their genetic components.

**Ans. D**

**5. Ornithology is the:**

A. Study of plants

B. Study of bones

C. Study of noise

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D. Study of birds

**Ans. D**

**6. Epidemiology is the study of:**

A. Endodermis disease

B. Dermis disease

C. Epidemic disease

D. None of the above

**Ans. C**

**7. The energy of food is measured in:**

A. Calories

B. Celsius

C. Kelvin

D. None of the above

**Ans. A**

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**8. Name the instrument that is used to measure Relative Humidity?**

- A. Hygrometer
- B. Hydrometer
- C. Barometer
- D. Mercury Thermometer

**Ans. A**

**9. Name an instrument which is used to measure the Density of milk?**

- A. Lactometer
- B. Hydrometer
- C. Barometer
- D. Hygrometer

**Ans. A**

**10. Name an instrument used to measure electric resistance?**

- A. Ohmmeter

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B. Electrometer

C. Galvanometer

D. Spectrometer

Ans. A

**1. Which of the following causes the production of Radiocarbon in the atmosphere?**

A. Due to the Collision between fast neutrons and nitrogen nuclei present in the atmosphere

B. Due to the action of ultraviolet light from the sun on atmospheric oxygen

C. Due to the action of solar radiations particularly cosmic rays on carbon dioxide present in the atmosphere

D. Due to the lightning discharge in atmosphere

Ans: A

**2. What is more convenient rolling of stone on a sloping road than to lift it vertical upwards?**

A. Rolling is more convenient and more work done as compare to the lifting

B. The work done by the rolling stone is equal to the lifting

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- C. The work done in both is same but the rate of doing work is less in rolling
- D. The work done in rolling a stone is less than in lifting it

**Ans: D**

**3. Which of the following phenomena is involved in the absorption of ink by blotting paper?**

- A. viscosity of ink
- B. capillary action
- C. diffusion of ink
- D. siphon action

**Ans: B**

**4. What will happen when the siphon will failed to work?**

- A. The densities of the liquid are equal in the two vessels
- B. The level of the liquid in the two vessels is at the same height
- C. Both its limbs are of unequal length
- D. The temperature of the liquids in the two vessels are the same

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**Ans: B**

**5. Which of the following phenomena is related with the large transformers, when used for some time, become very hot and is cooled by circulating oil?**

- A. The heating effect of current alone
- B. Hysteresis loss alone
- C. Both the heating effect of current and hysteresis loss
- D. Intense sunlight at noon

**Ans: C**

**6. Which of the following name of scientist is expressed as a unit of nuclear size?**

- A. Fermi
- B. angstrom
- C. newton
- D. tesla

**Ans: A**

**7. Which of the following is the unit of light year?**

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- A. Time
- B. Distance
- C. Volume of Gas
- D. Intensity of light

**Ans: B**

**8. Which of the following reason is correct about an optical illusion in which atmospheric refraction by a layer of hot air distorts or inverts reflections of distant objects?**

- A. Due to unequal heating of different parts of the atmosphere
- B. Due to magnetic disturbances in the atmosphere
- C. Due to depletion of ozone layer in the atmosphere
- D. Due to equal heating of different parts of the atmosphere

**Ans: A**

**9. The amount of time light takes to reach the earth's surface from the sun is:**

- A. 2 minutes



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B. 4 minutes

C. 8 minutes

D. 16 minutes

**Ans: C**

**10. Why the star appears to move from east to west?**

A. Because all stars move from east to west

B. Because the earth rotates from west to east

C. Because the earth rotates from east to west

D. Because the background of the stars moves from west to east

**Ans: B**

1. Which of the following has pH value 7?

(A) Pure water

(B) Neutral Solution

(C) Basic Solution

(D) Acidic Solution

(E) None of the above/ More than one of the above

**Answer. B**

2. Which of the following does not contain neutrons?

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- (A) Oxygen
- (B) Nitrogen
- (C) Hydrogen
- (D) Copper
- (E) None of the above/ More than one of the above

**Answer. C**

3. Who discovered DNA?

- (A) James Watson and Francis Crick
- (B) Gregor Mendel
- (C) Johannsen
- (D) Hargovind Khorana
- (E) None of the above/ More than one of the above

**Answer. A**

4. Body temperature is regulated by

- (A) Thalamus
- (B) Hypothalamus
- (C) Cerebellum
- (D) Medulla
- (E) None of the above/ More than one of the above

**Answer. B**

5. Choose the correct statement.

- (A) Wavelength of red light is less than violet light.
- (B) Wavelength of red light is more than violet light.
- (C) Wavelength of violet light is more than green light.

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- (D) Wavelength of violet light is more than yellow light.
- (E) None of the above/ More than one of the above

**Answer. B**

6. The unit of electric power is

- (A) Ampere
- (B) Volt
- (C) Coulomb
- (D) Watt
- (E) None of the above/ More than one of the above

**Answer. D**

7. In electrical motor

- (A) Heat is converted into electrical energy
- (B) Electrical energy is converted into heat
- (C) Electrical energy is converted into mechanical energy
- (D) Mechanical energy is converted into electrical energy
- (E) None of the above/ More than one of the above

**Answer. C**

8. The main component of Greenhouse gases is:

- (A) Carbon Dioxide
- (B) Methane
- (C) Nitrous Oxide
- (D) Ozone
- (E) None of the above/More than one of the above

**Answer. E**

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9. The powerhouse of the cell is:

- (A) Cell Wall
- (B) Mitochondria
- (C) Ribosome
- (D) Nucleus
- (E) None of the above/More than one of the above

**Answer. B**

10. AIDS is caused by:

- (A) Water
- (B) Bacteria
- (C) Virus
- (D) Fungus
- (E) None of the above/More than one of the above

**Answer. C**

11. Which instrument is used to measure humidity?

- (A) Hydrometer
- (B) Hygrometer
- (C) Pyrometer
- (D) Lactometer
- (E) None of the above/ More than one of the above

**Answer. B**

12. What is the unit of pressure?

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- (A) Newton/ sq. Meter
- (B) Newton-meter
- (C) Newton
- (D) Newton/meter
- (E) None of the above/ More than one of the above

**Answer. A**

So, now you may have come to know about BPSC 64th prelims science questions and its analysis.