

# Multiple choice test 10 - Cells, Organisation and Infection

Quiz set by Mrs. L. OLIVER for Year 11/11S/Sc5

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1) Which of the following takes part in preclinical trials?

- Testing on animals
- Testing on patients suffering from the disease (small scale)
- Testing on patients suffering from the disease (large scale)
- Testing on healthy volunteers (small scale)

2) Which of the following is not a required test in drug testing

- Toxicity
- Cost
- Dosage
- Efficacy

3) Which of the following would not be cured by antibiotics?

- Gonorrhoea
- E-coli
- Salmonella
- influenza

4) What is the name of the stain used when viewing onion tissue under a microscope?

- Methylene Blue
- Starch
- Iodine
- Benedicts Solution

5) Which of the following is not an advantage of an electron microscope

- Higher magnification
- Higher resolution
- Cheaper
- 3-D images

6) What is the process called whereby bacteria multiply by simple cell division?

- Culture Fission
- Binary Fission
- Binary Fusion
- Culture Fusion

7) What is not found in the nucleus of a cell?

- Chromosomes
- DNA
- ribosomes
- Genes

8) Which of the following processes requires energy?

- Active Transport
- Osmosis
- Transpiration
- Diffusion

9) Which of the following does not increase the effectiveness of an exchange surface?

- The temperature
- Thin Membrane
- Close blood supply
- Large Surface Area

10) Where is Bile made?

- Liver
- Gall bladder
- Small Intestine

- Pancreas

**11) Which blood vessel contains valves?**

- Capillary
- Pulmonary Artery
- Coronary Arteries
- Vein

**12) What does the phloem transport?**

- Dissolved sugars from roots to the rest of the plant
- Dissolved sugars from roots to leaves
- Dissolved sugars from leaves to the rest of the plant
- Dissolved sugars from leaves to roots

**13) Which of the following does not increase the rate of transpiration?**

- Increased Chloroplasts
- Increased Humidity
- Increased Light Intensity
- Increased Temperature

**14) Which of the following is a reactant in photosynthesis?**

- Oxygen
- Chlorophyll
- Carbon Dioxide
- Glucose

**15) Which of the following is a reactant in respiration?**

- Water
- Glucose
- Chlorophyll
- Carbon Dioxide



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