**King Saud University PHL 226**

**Pharmacy College Practical Exam**

**Pharmaceutical Department**

**Student’s name**

**Choose the correct answer**

1. Regarding electronic microscope, all the following statements are true except:
2. Use electron beams and magnetic field
3. The most common one used in the lab
4. Used for examination viruses
5. a& c
6. The primary stain in gram stain technique is :
7. Grams iodine
8. Safranin
9. Crystal violet
10. Conc. Carbol fuchsin
11. Regarding Gram negative bacteria, all the following statements are correct except
12. They are not decolourized with alcohol
13. They are decolourized with alcohol
14. They take the counter stain (dil. carbol fuchsin)
15. They appear pink in colour

**Match between columns A and B**

|  |  |  |
| --- | --- | --- |
| Column A | Answer | Column B |
| 1- Mannitol salt agar |  | A-Methylene blue |
| 2- Media for fungi |  | B-Acid fast stain |
| 3-Basic dye |  | C- Staphylococcus species |
| 4-Mycobacterium species |  | D- PH(3-6) |

**Give reason**

Heat is required in spore staining?

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Best wishes,