

**Physiology(P.G.)****[CBCS]****M.Sc. Second Semester End Examination-2024****(Regular & Supplementary Paper)****PAPER- PHY-205 (Practical)****Full Marks: 50****Time: 02 Hrs***The figures in the right hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.**Illustrate the answers wherever necessary.**(Use separate answer script for each unit)***Unit – 19****[Marks – 25]****[Anthropometry and assessment of community health]**

1. Determine BSA and obesity index of a human subject and interpret the results with the reference values. 2+2+2+2  
[Measurement-2, calculation-2, Interpretation -2+2]
2. Determine the pubertal growth spurt from the supplied data of height of school children and interpret your observations.  
3+3+1  
[Tabulation-3, Graph plotting-3, Interpretation-1]
3. Viva-voce 5
4. Submit your duly signed laboratory note books. 5

**Turn over**

Unit – 20

[Marks – 25]

[Ergonomic, Exercise Physiology & Mass fitness]

1. Determine the forced vital capacity of the given subject with spirometry test. Write the principle tabulate your result and interpret the result. 1+3+3  
[Principle -1, Result -3, Interpretation =3]
  2. Determine the cardio respiratory fitness of the given subject with step test method. Write down the principle, result and interpretation. 2+3+3  
[Principle -2, Result -3, Interpretation =3]
  3. Submit your laboratory note book duly signed by concerned teacher on regular basis of work. 5
  4. Viva-voce 5
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