



Class No. : .....

**FY 3045**

Name : .....

**FIRST YEAR HIGHER SECONDARY SECOND TERMINAL  
EXAMINATION, DECEMBER 2025**

**Part – III**

**COMPUTER APPLICATION (HUMANITIES)**

**Maximum : 60 Scores**

Time : 2 Hours

Cool-off Time : 15 Minutes

**General Instructions to Candidates :**

- There is a 'Cool off time' of 15 minutes in addition to the writing time.
- Use 'cool off time' to get familiar with questions and to plan your answers.
- Read questions carefully before answering.
- Read the instructions carefully.
- Calculations, figures and graphs should be shown in the answer sheet itself.
- Malayalam version of the questions is also provided.
- Give equations wherever necessary.
- Electronic devices except non programmable calculators are not allowed in the Examination Hall.

**വിദ്യാർത്ഥികൾക്കുള്ള പൊതുനിർദ്ദേശങ്ങൾ :**

- നിർദ്ദിഷ്ട സമയത്തിന് പുറമെ 15 മിനിട്ട് 'കൂൾ ഓഫ് ടൈം' ഉണ്ടായിരിക്കും.
- 'കൂൾ ഓഫ് ടൈം' ചോദ്യങ്ങൾ പരിചയപ്പെടാനും ഉത്തരങ്ങൾ ആസൂത്രണം ചെയ്യാനും ഉപയോഗിക്കുക.
- ഉത്തരങ്ങൾ എഴുതുന്നതിന് മുമ്പ് ചോദ്യങ്ങൾ ശ്രദ്ധാപൂർവ്വം വായിക്കണം.
- നിർദ്ദേശങ്ങൾ ശ്രദ്ധാപൂർവ്വം വായിക്കണം.
- കണക്ക് കൂട്ടലുകൾ, ചിത്രങ്ങൾ, ഗ്രാഫുകൾ എന്നിവ ഉത്തരപേപ്പറിൽ തന്നെ ഉണ്ടായിരിക്കണം.
- ചോദ്യങ്ങൾ മലയാളത്തിലും നൽകിയിട്ടുണ്ട്.
- ആവശ്യമുള്ള സ്ഥലത്ത് സമവാക്യങ്ങൾ കൊടുക്കണം.
- പ്രോഗ്രാമുകൾ ചെയ്യാനാകാത്ത കാൽക്കുലേറ്ററുകൾ ഒഴികെയുള്ള ഒരു ഇലക്ട്രോണിക് ഉപകരണവും പരീക്ഷാഹാളിൽ ഉപയോഗിക്കുവാൻ പാടില്ല.



**Score**

**PART – I**

**Answer any five questions from 1 to 6. Each carries 1 score.**

**(5×1=5)**

1. Each digit of a binary number is called \_\_\_\_\_
2. The small and fast memory between the processor and RAM is \_\_\_\_\_
3. 1 MB = 1024 \_\_\_\_\_
  - a) Bytes
  - b) KB
  - c) GB
  - d) TB
4. Group of adjacent cells in spreadsheet is called \_\_\_\_\_
5. IDE stand for \_\_\_\_\_
6. Which among the following tool is used to create a mirror image ?
  - a) Crop
  - b) Flip
  - c) Rotate
  - d) Scale

**PART – II**

**Answer any 9 questions from 7 to 18. Each carries 2 scores.**

**(9×2=18)**

7. List the name of any two number systems and their base.
8. Write the role of control unit in a computer.
9. List the different methods of representing characters in memory.



## Score

10. Write the functions of the following register.
- a) Program Counter (1)
  - b) Accumulator (1)
11. Differentiate Interpreter and Compiler.
12. There are 2 cell addresses A7 and \$A \$7. Compare the two addresses.
13. Write any four chart elements in spreadsheet.
14. Name any four types of slide views in presentation.
15. How will you insert a video in a presentation ?
16. How to anchor a layer in GIMP ?
17. Name any four Blur filters in GIMP.
18. Write any two uses of a path tool in GIMP.

## PART – III

**Answer any nine questions from 19 to 29. Each carries 3 scores. (9×3=27)**

19. List the characteristics of computers.
20. Differentiate RAM and ROM.
21. Match the following :

|          |                     |
|----------|---------------------|
| Wordpad  | System Software     |
| Compiler | Antivirus           |
| Norton   | Browser             |
| Unix     | Compression Utility |
| Winzip   | Text editor         |
| Chrome   | Operating System    |





## Score

22. Write the major features of an electronic spreadsheet.
23. a) Define freezing in spreadsheet. (1)  
b) How to freeze a row and column in a spreadsheet ? (2)
24. Compare the logical function in spreadsheet software AND( ), OR( ), NOT( ) with example.
25. a) What do you mean by hyperlink in Presentation ? (1)  
b) Name four types of hyperlinks in Presentation. (2)
26. a) What is an action objects in Presentation ? (1)  
b) How to create an action objects in presentation ? (2)
27. Write any three differences between raster and vector graphics.
28. Explain any three ways of displaying colours in GIMP.
29. Distinguish between subtractive colour scheme and additive colour scheme.

## PART – IV

**Answer any two questions from 30 to 32. Each carries 5 scores. (2×5=10)**

30. a) What is e-waste ? (1)  
b) Explain any 4 e-waste disposal methods. (4)
31. a) What is filtering in spreadsheet ? (1)  
b) Explain different types of filtering. (4)
32. a) Write the use of selection tool in GIMP. (1)  
b) Explain any 4 selection tools is GIMP. (4)