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L – 3993

Reg. No. : ...35120104038

Name : ...Suhane Parveen S

First Semester B.Voc. Degree Examination, August 2021

Software Development

VS 314 : PROGRAMMING PRINCIPLES

(2020 Admission-Regular)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **all** questions. Each question carries 1 mark.

1. What is user manual?
2. What is beta testing?
3. Write two examples for application software.
4. What is assembly language?
5. What is flow chart?
6. What is system software?
7. What is an error?
8. What is compiler?
9. What is debugging?
10. What is the time complexity of binary search algorithm?

(10 × 1 = 10 Marks)

P.T.O.

SECTION – B

Answer **any eight** questions. Each question carries **2** marks.

11. Write short notes on documentation.
12. Differentiate logical errors from syntax errors.
13. What are the advantages of machine language?
14. Why we need an assembler program?
15. Write the features of object oriented language.
16. Write notes on structured programming.
17. What is asymptotic notation? Give an example.
18. List features of good programming.
19. What is meant by time complexity?
20. Draw the flow chart to find reverse of a number.
21. Write algorithm to check a number is Armstrong or not.
22. Write pseudo code to print even numbers up to 10.
23. What is solution refinement?
24. Differentiate between object code and source code.
25. What are the disadvantages of flow chart?
26. Why we need testing phase?

(8 × 2 = 16 Marks)

Rectangle.

SECTION – C

Answer **any six** questions. Each question carries **4** marks.

- ~~27.~~ Explain different testing methods.
28. Explain the process of program maintenances in detail.
- ~~29.~~ Discuss flow chart symbols with example.
- ~~30.~~ Explain classification of system software with examples.
- ~~31.~~ Discuss the advantages and disadvantages of Pseudo code.
32. Explain different representations of an algorithm.
33. Discuss top down approach of programming.
34. Explain space complexity of algorithm.
35. Explain the basic control structures of program.
- ~~36.~~ What is an application software? Give example.
- ~~37.~~ What is utility software?
38. Why we need performance analysis of algorithms?

(6 × 4 = 24 Marks)

SECTION – D

Answer **any two** questions. Each question carries **15** marks.

39. Explain various phases of problem solving using computer.
- ~~40.~~ Discuss types of programming languages in detail.
41. Explain different stages in the life cycle of method of programming.

42. Write the algorithm of bubble sort. Analyse the time complexity of the bubble sort algorithm.
43. Explain types of software in detail.
44. Discuss various algorithm representations with examples.

(2 × 15 = 30 Marks)

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L - 3864

Reg. No. : 35120104038

Name : SUHANA PARVEEN S

First Semester B.Sc./B.Com./B.B.A./B.C.A/B.Voc./B.M.S./B.S.W. Degree
Examination, August 2021

Career Related First Degree Programme under CBCSS

Language Course I – English

EN 1111/EN 111/EN 1111.4 : LANGUAGE SKILLS

(2020 Admission Regular)

Time : 3 Hours

Max. Marks : 80

- I. Answer **all** questions, each in a word or sentences.
1. Etymologically the word 'communication' means _____.
2. What is redundancy?
3. Blog is a shortened version of the term _____.
4. An anchor can also be called _____.
5. _____ refers to transmitter that codes the message.
6. What is structural editing?
7. What is a CV?
8. _____ is a type of communication through verbal medium like words, speeches etc.
9. _____ is the medium used to transmit the signal.
10. Our brain process information at a rate of _____.

(10 × 1 = 10 Marks)

P.T.O.

- II. Answer any **eight**, each in a short paragraph not exceeding **50** words.
11. Name any two barriers to effective communication.
 12. Suggest two ways to improve communication.
 13. What is podcasting?
 14. What is non-verbal communication?
 15. Netiquette.
 16. What are gestures?
 17. What are problems encountered by second language learners?
 18. Mention the importance of Feedback as a major component of communication.
 19. How can you master the skill of public speaking?
 20. List ways in which you can follow Telephone Etiquette?
 21. Suggest ways to improve effectiveness in academic writing.
 22. Introduce yourself to your prospective employer.
 23. How can your posture create a negative impression?
 24. What is communication?
 25. What are the things to be followed while attending an interview?
 26. What is Blogging?

(8 × 2 = 16 Marks)

- III. Answer any **six**, each in a paragraph not exceeding **100** words.

27. Read the following passage carefully and answer all the questions that follow. "The Legend" is a very short story by O.V. Vijayan. It can be described as a work of Flash fiction, a genre coming under fiction. The word count of flash fiction is not fixed though, generally it can vary from a few words to 2000 words. Flash fiction, also known by other names like sudden fiction, short-short stories, microfiction or microstories. This sub genre is also referred to by words like short shorts, nanotales, micro-stories, postcard fiction or napkin fiction. An acceptable definition goes like this: Flash fiction is a medium of brief and enclosed stories. Its average word count ranges anywhere from five to 1,500 words, but the consensus is that maximum tops out at 2,000. Many eminent writers like Margaret Atwood, Paulo Coelho and Jamaica Kincaid have written flash stories.

- (a) What is the word count of flash fiction?
 - (b) Name any two names by which Flash fiction is known?
 - (c) Name any two writers who have written flash stories.
 - (d) What is the acceptable definition of Flash fiction?
28. Prepare a script for an anchor who is hosting a music reality show.
 29. Prepare a speech on the topic Environmental Hazards.
 30. The PRO of a reputed multinational company where you have applied for the job of Management trainee is calling you for a telephonic interview. Construct atleast ten exchanges between the PRO and you on your prospective job.
 31. Write a blog on a famous film director in your country.
 32. Write an email to a famous political figure inviting him/her to inaugurate the Union Inauguration in your college.
 33. Write a script for a podcast on Role of Youth in the Development of India.
 34. Edit the passage below

The young woman waiting at the bus stop was not ^a ~~in the~~ least nervus, in spite of the wave of panic that had been sweeping the city about bands of hooligans roaming the streets after dark and assalting unprotected women. She was a sensible young woman to begin with, who realized that one good screem would be sufficient to bring a score of respectable suburban householders.
 35. Prepare minutes of a meeting conducted by the Magazine Committee in your college. You are the editor and the meeting is related to designing of the college magazine for the next academic year.
 36. Create a conversation between you and your friend about how you spent the days during the lockdown period.
 37. Write a paragraph on Unemployment in India.
 38. Describe your college in about 100-150 words.

(6 × 4 = 24 Marks)

IV. Answer any **two**, each in about **three hundred** words.

39. Write notes for the following passage (10-15 points)

Every human being has a great variety of feelings for different aspects of his or her surroundings. The Western, modern approach values the resources of Nature for their utilitarian importance alone. However true environmental values go beyond valuing a river for its water, a forest for its timber and non-wood forest products, or the sea for its fish. Environmental values are inherent in feelings that bring about sensitivity for preserving nature as a whole. This is a more integrated native view which can be contrasted with the profit oriented and exploitative views brought in by the colonisers. There are several writings and sayings in Indian thought that support the concept of the oneness of all creation, of respecting and valuing all the different components of Nature. Our environmental values must translate to pro-conservation actions in all our day to day activities. Most of our actions have adverse environmental impacts unless we consciously avoid them. The sentiment that attempts to reverse these trends is enshrined in our environmental values.

Humans have an inborn desire to explore Nature. Wanting to unravel its mysteries is a part of human nature. However, modern society and educational processes have invariably suppressed these innate sentiments. Once exposed to the wonders of the wilderness, people tend to bond closely to Nature. They begin to appreciate its complexity and fragility and this awakens a new desire to want to protect our natural heritage.

40. Prepare a cover letter and CV for the post of Development Officer in a reputed Insurance Company in Calicut, in response to an advertisement that has appeared in a daily.

41. Write an autobiography on a turning point in your life.

42. The following passage is in a jumbled manner. Arrange them in the correct order so as to make a sensible passage. The first one and last one is done for you.

I have been chosen to be the Head Boy of my school. All the members appreciated and encouraged me. We had a meeting with the members of the Students' Council to decide on the programme. I was given the responsibility of organising the Children's Day programme in the school. We decided to have a special morning assembly and a cultural programme in the last two periods.

43. Complete the story in your own words start with "I saw a man walking towards me..."

44. Describe a famous actor/actress of your choice.

(2 × 15 = 30 Marks)

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L - 3994

Reg. No. : 25 120 109 035

Name : Adithi

First Semester B.Voc. Degree Examination, August 2021

Software Development

VS 315 — WORD PROCESSING AND IMAGE EDITING

(2020 Admission Regular)

Time : 3 Hours

Max. Marks : 80

SECTION - A

Answer all questions.

1. How do you open a new word document?
2. Where is the page setup option usually available?
3. What is the basic use of a word processor?
4. Specify the file extension for Power Point.
5. What is the use of title bar?
6. Define Adobe Flash.
7. Write on the use Flash?
8. Discuss on the project tabs in flash interface.
9. How will you define adobe Photoshop?
10. What do you mean by Photoshop Workspace?

(10 × 1 = 10 Marks)

P.T.O.

SECTION – B

Answer any **eight** questions.

11. Give a brief account of Auto Formatting.
12. Write the steps involved in changing name of file or folder.
13. Differentiate between status bar and scroll bar.
14. Provide the steps to insert header in a document.
15. Define the Tabs component of the ribbon
16. Write a note on Quick Access Toolbar.
17. Provide the three views for the slides.
18. Write about the use of Save & Send button.
19. How will you define the stage?
20. Discuss the alternative way to zoom the stage.
21. Write a note on properties window.
22. How will you draw a line in Flash?
23. Photoshop uses Layers as an essential tool. – Explain.
24. Define layer opacity in Photoshop.
25. How do you remove a layer mask?
26. There are a few ways to view the histogram for an image. How?

(8 × 2 = 16 Marks)

SECTION – C

Answer any **six** questions.

27. Define microcomputer.
28. Provide the steps to delete a table.
29. Explain border and shading in a table.
30. Elaborate on the different views for the slides.
31. Write the steps involved in inserting a new slide.
32. Elucidate on the steps to add new text boxes in slide.
33. How will you change the size of the Stage?
34. List the steps involved in drawing adjacent lines in flash.
35. How will you draw a closed shape in Flash? Explain.
36. Explain in detail about background transparency in Photoshop.
37. Provide a detailed note on clipping masks.
38. Write down the steps involved in editing a layer mask.

(6 × 4 = 24 Marks)

SECTION – D

Answer any **two** questions.

39. Elaborate on creating macros in detail.
40. Explain in detail the steps involved in making a power point template.
41. Elucidate on how to edit a Master Slide in detail.

42. Describe in detail the working with Action Scripts in Flash.
43. Elucidate on Merging and flattening layers.
44. The use of type tool in Photoshop is creative. – Elaborate.

(2 × 15 = 30 Marks)

Reg. No. :

Name :

First Semester B.Voc. Degree Examination, August 2021

Software Development

VS 312 MANAGERIAL ECONOMICS

(2020 Admission Regular)

Max. Marks : 80

Time : 3 Hours

SECTION - A

Very short answer type question.

Answer in **one** word to a maximum of **two** sentences. Answer **all** questions. Each question carries **1** mark.

1. What is the scarcity definition of Economics?
2. What is meant by Forward planning?
3. Define business cycles.
4. Define marginal cost.
5. What is a demand schedule?
6. Define price elasticity of demand.
7. Name four factors of production.
8. What are internal economics?

P.T.O.

9. What is full-cost pricing?
10. What is an oligopoly market?

(10 × 1 = 10 Marks)

SECTION – B

Short answer type questions (Not to exceed **one** paragraph). Answer any **eight** questions. Each question carries **2** marks.

11. Distinguish between micro and macro economics.
12. What do you understand by capital budgeting?
13. What is meant by Diminishing Margin Utility?
14. What are the objectives of Demand Analysis?
15. State and illustrate perfectly inelastic demand.
16. What are the factors influencing market demand for a commodity?
17. Explain the total expenditure method of measuring elasticity.
18. What are the steps in demand forecasting?
19. What are the different methods of demand forecasting for new products?
20. What do you understand by the term 'Depression'?
21. List the managerial uses of production function.
22. State any four features of 'Iso-quants'.
23. What are the various internal diseconomies?
24. What do you understand by the term 'Market'?

SECTION – D

Long essay question. Answer any **two** questions. Each question carries **15** marks.

39. Discuss how economic theories are helpful in decision making? •
 40. Explain the determinants of consumer demand and market demand.
 41. Define price elasticity. Explain and illustrate with the help of diagrams various degrees of price elasticity of demand.
 42. Discuss the important methods of pricing with advantages and disadvantages.
 43. Discuss the causes and consequences of business cycles.
 44. Explain the various economics and diseconomics of scales of production. •
(2 × 15 = 30 Marks)
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