

R-4535

Sub. Code

9BV2T1/
308201/
314201/
315201

**B.Voc. (SD/FT)/B.F.A./B.P.A. DEGREE EXAMINATION,
APRIL 2021**

Second Semester

**Software Development/Fashion
Technology/Painting/Bharathanatyam/Music (Vocal)**

இலக்கணமும் படைப்பிலக்கியமும்

**(Common for B.Voc. Software Development/B.Voc.
Fashion Technology/B.F.A. Painting/B.P.A.
Bharathanatyam/B.P.A. Music (Vocal))**

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

பகுதி அ

(10 × 2 = 20)

அனைத்து வினாக்களுக்கும் ஓரிரு தொடர்களில் விடையளிக்க.

1. அசை என்றால் என்ன?
2. சீர்கள் எத்தனை வகைப்படும் அவை யாவை?
3. பாரதிதாசன் தமிழின் இனிமையாகக் குறிப்பிடுபவனற்றைச் சுட்டுக.
4. தோழிமார் கதை குறிப்பிடும் விளையாட்டுக்கள் எவை?
5. அன்பளிப்பு சிறுகதையின் கதைக்கருவினைக் குறிப்பிடுக.
6. புலிக்கலைஞனாக யாரைத் தேர்ந்தெடுத்தனர்?
7. இணையம்-சிறு குறிப்பு வரைக.
8. WWW விளக்கம் தருக.

9. ஐக்கூ என்றால் என்ன?
10. தமிழில் தோன்றிய முதல் சிறுகதை எது?

பகுதி ஆ

(5 × 5 = 25)

ஒரு பக்க அளவில் **அனைத்து** வினாக்களுக்கும் விடை தருக.

11. (அ) அடி குறித்தெழுதுக.

(அல்லது)

(ஆ) நேரிசை ஆசிரியப்பா என்றால் என்ன?

12. (அ) பாரதி தமிழ்நாட்டின் பெருமைகளாகச் சுட்டுவன எவை?

(அல்லது)

(ஆ) மு. மேத்தா தன்னம்பிக்கையாக எதனைக் குறிப்பிடுகிறார்?

13. (அ) சர்மாவின் கதாப்பாத்திரத்தை ஆராய்க.

(அல்லது)

(ஆ) அய்க்கண்-சிறு குறிப்பு வரைக.

14. (அ) மின்னஞ்சல் குறிப்பிடுக.

(அல்லது)

(ஆ) வலைப்பூ குறித்தெழுதுக.

15. (அ) கவிதையின் வகைகளைச் சுட்டுக.

(அல்லது)

(ஆ) சிறுகதையின் இலக்கணத்தைக் குறிப்பிடுக.

பகுதி இ

(3 × 10 = 30)

கட்டுரை வடிவில் விடை தருக.

ஏதேனும் மூன்று வினாக்களுக்கு விடை எழுதுக.

16. அசைக்கு உறுப்பாகும் எழுத்துக்கள் யாவை?
 17. பாரதிதாசன் தமிழின் இனிமையாக எவற்றைக் குறிப்பிடுகிறார்?
 18. கடவுளும் கந்தசாமிப்பிள்ளையும் என்ற கதை அமைப்பினை ஆராய்க.
 19. தமிழில் இணைய வளர்ச்சி குறித்து கட்டுரைக்க.
 20. கல்வி என்ற தலைப்பில் புதுக்கவிதை ஒன்று வரைக.
-

R5393

Sub. Code

922CE

ALL U.G., DEGREE EXAMINATION, APRIL –2021

Second Semester

Part-II-COMMUNICATIVE ENGLISH-II

(Common for all UG Programmes)

(CBCS – 2020 Onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all the** questions.

1. Write two expressions used in accepting a complaint.
2. Write two expressions used when one gently disagrees
3. Suggest few tips to your friend while preparing a welcome speech
4. Combine the sentences using conjunctions given in brackets:
 - (a) You will pass. Work hard. (if)
 - (b) I will call you. I finish my work. (when)
5. What are some tips to make a good presentation?
6. How to overcome the stage fright? write few ideas
7. What should be informed to a person before the meeting begins?
8. Write two expressions To seek clarification.
9. Introduce yourself

10. What skills are expected from an interviewee in any interview?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) In each of the following sentences, a word or phrase has been underlined. From the choices given, select the closest antonym for it.
- (i) The detectives found the evidence very illuminating.
- (1) delightful
 - (2) unclear
 - (3) too many
 - (4) sad
- (ii) My physics teacher used an interesting experiment to teach us that magnetic like poles repel.
- (1) rebel
 - (2) go away
 - (3) attract
 - (4) mix
- (iii) The plane could not take off at the scheduled time.
- (1) taken in
 - (2) give off
 - (3) give on
 - (4) land

- (iv) The edges of the furniture were smooth.
- (1) rough
 - (2) silky
 - (3) spiky
 - (4) sharp
- (v) The explorer undertook a very arduous journey.
- (1) difficult
 - (2) dangerous
 - (3) easy
 - (4) long

Or

- (b) Write a paragraph on the proverb given, in about 10 lines:

"As you sow, so will you reap"

12. (a) Fill in the blanks with suitable conjunctions --and, or, but, although, till, because, though.
- (i) Prem called out to her to stop, _____ she continued walking.
 - (ii) How does the fruit taste? sweet _____ sour?
 - (iii) Is Rani playing _____ studying?
 - (iv) John _____ David went to the library yesterday.
 - (v) I lost the prize _____ I tried my best

Or

(b) Fill the blanks with the appropriate interjection.

(i) _____ What are you doing there?

(ii) _____ He is dead.

(iii) _____ We have won the game.

(iv) _____ Have they gone?

(v) _____ I got such a fright.

13. (a) What are some Common Barriers for Effective Presentation?

Or

(b) Prepare an effective Power Point Presentation (PPT) for the following topic

Social Media

14. (a) Write expressions for the following that helps you to participate in a meeting both online and offline.

(i) To ask for inputs

(ii) Concluding Remarks

(iii) To Interrupt

(iv) To seek clarification

(v) To add a point

Or

(b) View this picture and offer your comments.



15. (a) Write a letter of application to the Principal of an arts and science college, applying for the post of an Assistant Professor.

Or

- (b) Fix the following nouns in the correct column.

a favour a look someone's temperature
 a phone call nothing money
 taxi an effort your best
 furniture the washing up the dishes
 your hair your time homework

DO HAVA MAKE TAKE

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. (a) Choose the appropriate adverb from the options given:
- (i) The aeroplane landed _____ on the runway. (shyly/safely/delightfully)
 - (ii) The judge told him to answer the questions _____ (truthfully/sleepily/casually)
 - (iii) The cab driver drove _____. I was scared. (gently/recklessly/funnily)
 - (iv) If you want to be fit, eat _____ (greedily/healthily/frugally)
 - (v) Misers save money by living _____. (frugally/lavishly/cheerfully)

- (b) Fill in the blanks with the appropriate word:
- (i) She is _____ the sweetest of the four girls (by chance/by far/by and by)
 - (ii) Of the three businessmen, Suraj is _____ the wealthiest (easier, easiest, easily)
 - (iii) After her parents arranged individual tuition she learnt _____ quickly (a bit more, little, nicely)
 - (iv) You can cook _____ quickly if you have a three-burner stove. (far, far more, far and more)
 - (v) You can make it _____ more interesting with visuals. (a great deal /deal/ great)

17. Prepare a two-minute speech to be given on the following informal occasion.

Teacher's day celebrations

18. For each the words given in bold and underlined in the following sentences identify their equivalent phrases from the list given at the end.
- (a) One of the first things a scholar is taught that is that it is wrong to plagiarise.
 - (b) One of the guiding principles of any kind of writing is to write about the events chronologically.
 - (c) We must realise that however clever or intelligent we may be we are never infallible.
 - (d) That school has a very well equipped gymnasium.
 - (e) We were very lucky to get a chef who was familiar with different kinds of cuisine.
 - (f) Female foeticide has been one of the major issues in our country.
 - (g) King Edward VIII's decision to abdicate the throne has become legendary.

- (h) In the stories by Richmal Crompton, William Brown's father often told him that he was incorrigible.
- (i) The box contained an assortment of chocolates.
- (j) Many spiritual leaders tell us that it is important to introspect.

[Incapable of making mistakes or being wrong,

Professional cook,

To renounce the throne,

Beyond reform,

To pass off another's work as one's own

Remarkable and therefore very famous,

Look inwards to examine one's motives,

A collection of different types of the same thing,

Killing of an unborn child (in the womb),

A room equipped for gymnastics, games and physical exercise,

In the order in which the events occurred]

- 19. Write down the positive and negative connotations for the following words
Youthful, poised, utilize, merry, juvenile, probe. choosy, lean, forceful economic
- 20. Choose the most suitable collocations
 - (a) The mobile phone is faulty / wrong
 - (b) My motorcycle is quite old. So, getting spare/exchange parts is difficult.
 - (c) When you are parking in the parking lot, you should not leave the engine working / running.
 - (d) The fireman had to wear the breathing masks / apparatus while putting out the forest fire.
 - (e) I had to walk six flights of stairs because the lift was out of order/ service.

- (f) Can I ring you again / call you back?
 - (g) Could you please put it into the contract, please? I would like to have it in ink / black and white.
 - (h) The flora and fauna / flowers and animals of this island are unique.
 - (i) The important role of detective / investigative journalism is uncovering corruption.
 - (j) Please do not sing out of tune / off the tune.
-

R5448

Sub. Code

92BPEP

**B.Voc. DEGREE EXAMINATION,
APRIL – 2021.**

Second Semester

Fashion Technology/Software Development

**PROFESSIONAL ENGLISH FOR PHYSICAL
SCIENCES - II**

**(Common for B.Voc. Fashion Tech./Software
Development)**

(CBCS – 2020 onwards)

Time : Three Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Name a few Indian mathematical wizards.
2. What is creative art according to you?
3. What is persuasive communication?
4. How did young Gauss solve the maths problems?
5. What is software localization?
6. What is meant by digital competence?
7. Name a few insects that live in water.
8. What are barcodes?
9. What is a circular?
10. What are Minutes of a Meeting?

Part B

(5 × 5 = 25)

Answer any **five** questions

11. Narrate the events that happened in the life of Igor Tamm at the time of his arrest in Ukarine in detail.
12. Why is Gauss is considered to be the “Prince of Mathematicians”?
13. Create an advertisement for a watch using persuasive language.
14. Write the meanings of the following vocabulary.

Optimal Intrigue Array Decipher Angstrom Helix

15. Expand the following abbreviations:
 - (a) SMTP
 - (b) HTTP
 - (c) IOT
 - (d) CLI
 - (e) REST
16. Use the following phrases in your own words and make sentences.

On the other hand, in spite of, in addition to, along with, as a result

17. Write a short note on How is salt obtained from sea water?
18. Read the text and answer the following questions

Artificial intelligence is not merely a technical jargon anymore, it is largely used by people who may not have even the slightest idea about the applications of AI. Many of us use virtual assistants which are outcome of AI, and people using social media will have better understanding

about the utilization of Artificial intelligence. It is employed in data analytics, prediction of markets and even the consumer behaviour. Those who are using emails must have experienced predictive text input which is a feature of AI. Many will be surprised at the speed a machine is predicting their next possible word. Artificial intelligence helps in filtering and categorizing our emails and also helps in sending smart replies. Artificial Intelligence is largely employed in social media where they recognize objects and places, predict the linguistic behaviour of the user. Face recognition is a feature that emerged with the advancement of AI. E-Commerce websites are another example where the AI tools are largely employed for suggesting similar products for the customers who search for a particular product. When a person uses maps and navigation, searching particular music applications made from AI helps in a huge way. AI powers many programs and services that help us do everyday things such as connecting with friends, using an email program, or using a ride-share service. AI is now inseparably connected with human life as we are depending on the intelligent machines to perform complex activities.

- (a) What is an intelligent system?
- (b) How is Artificial Intelligence helpful in travel?
- (c) How is Artificial Intelligence used in E-Commerce websites?
- (d) How AI is used in social media applications?
- (e) How is AI used in playing online music?

Part C

(3 × 10 = 30)

Answer any **three** questions.

19. Match the following: Learn the meanings of the unfamiliar words.

(a) Terrestrial- Freedom

Primecal- Death

Combustion- Land

Asphyxiation- Heat

Liberated- Ancient

(b) Define the following terms ,each in a sentence:

- Clocking
- Lightyear
- Modem
- Gravitational field
- Teleconference -

20. List the functions of fitness trackers. and why are fitness trackers not as commonly used as other electronicgadgets?

21. Read the paragraph and answer the questions below

Phosgene (COCl₂) is a highly toxic compound that was first synthesized in 1812. At room temperature (70°F), phosgene is a poisonous gas that may appear either colourless or as a white to pale yellow cloud that can have a pleasant odour similar to that of newly mown hay or green corn. Phosgene is a major industrial

chemical used to make plastics, pharmaceutical agents, synthetic foam, dyes, and pesticides with the worldwide chemical industry annually producing more than 2-3 million tons of phosgene. Phosgene first gained its deadly reputation during World War I, when it was used in chemical warfare. Phosgene was used extensively as a choking agent and was responsible for a large majority of chemical warfare deaths. It has been estimated that phosgene accounted for 80,000 of the 1,00,000 deaths from chemical gas exposure in World War I. Exposure to dangerous concentrations of phosgene may cause the following symptoms to develop quickly: coughing, burning sensation in the throat, watery eyes, difficulty breathing, nausea, and vomiting. Direct skin contact with phosgene can result in lesions similar to those from burns. Phosgene causes damage to biological molecules in two ways. It can react with water to form hydrochloric acid. When considering the fact that water is present in the lungs and on the skin, it is easy to see how exposure to phosgene can cause significant damage. This first reaction contributes far less to the typical symptoms of phosgene exposure but is more responsible for the irritant effects. The second reaction is called an acylation. Phosgene attaches to reactive groups on biological molecules, such as proteins and phospholipids. These reactions can result in structural changes in membranes and proteins and stop them from functioning properly. Inhaled phosgene attacks the major constituents of surfactants and tissue membranes in the lungs causing irreversible acute lung injury and life-threatening fluid accumulation in the lungs leading to pulmonary edema.

On the night of December 2, 1984, a breakdown occurred at Union Carbide India Limited (pesticide plant) in Bhopal, Madhya Pradesh. A runaway reaction in a tank caused the pressure relief system to vent large amounts of poisonous gas into the atmosphere. An estimated 40 tons of phosgene mixed with methyl isocyanate (also highly toxic) were released into the

atmosphere and it spread through towns located near the plant. The Bhopal disaster is considered the worst industrial disaster in history. Over 500,000 people were exposed to the gases and between 3000 and 10,000 people died within the first week. In 1989, Union Carbide paid \$470 million in compensation to the Indian government. Moreover, seven Union Carbide employees were convicted of "death by negligence" for their role in the Bhopal tragedy. Warren Anderson, the chairman and CEO of Union Carbide never faced trial over the deadly industrial accident. Shortly after the incident, Anderson visited Bhopal and was arrested but was released after paying a \$2000 bail and fled the country. Since 1993, the Indian government tried several times to extradite him but never succeeded. Anderson escaped all attempts to bring him to trial and died in a Florida nursing home on September 29, 2014, at the age of 92. The Bhopal Gas tragedy is considered to be one of the largest Industrial accidents in the world history and the release of Phosgene was responsible for the large scale destruction that ensued.

Questions

- (a) Mention some of the industrial uses of Phosgene.
- (b) List out some of the symptoms of Phosgene exposure.
- (c) What caused the release of Phosgene in the Union Carbide plant?
- (d) Define the term 'Acylation' briefly in one or two sentences.
- (e) What was the chemical mixture that caused the Bhopal disaster?

22. Compare and contrast artificial intelligence and human intelligence.
23. **Prepare PPT for the following passage**

Good communication is an essential tool in achieving productivity and maintaining strong working relationships at all levels of an organisation - and this has been particularly important since the Covid-19 outbreak forced many people to work remotely. Employers who invest time and energy into delivering clear lines of communication will rapidly build trust among employees, leading to increases in productivity, output and morale in general. Meanwhile, employees who communicate effectively with colleagues, managers and customers are always valuable assets to an organisation and it is a skill which can often set people apart from their competition when applying for jobs. Poor communication in the workplace will inevitably lead to unmotivated staff that may begin to question their own confidence in their abilities and inevitably in the organisation. The importance of strong communication runs deep within a business. Here are three key reasons you should be paying attention:

Team building - Building effective teams is really all about how those team members communicate and collaborate together. By implementing effective strategies, such as those listed below, to boost communication you will go a long way toward building effective teams. This, in turn, will improve morale and employee satisfaction.

Gives everyone a voice - As mentioned above, employee satisfaction can rely a lot on their having a voice and being listened to, whether it be in regards to an idea they have had or about a complaint they need to make. Well

established lines of communication should afford everyone, no matter their level, the ability to freely communicate with their peers, colleagues and superiors.

Innovation - Where employees are enabled to openly communicate ideas without fear of ridicule or retribution they are far more likely to bring their idea to the table. Innovation relies heavily on this and an organisation which encourages communication is far more likely to be an innovative one.

R-4526

Sub. Code

9HM2S1/9BV2G1/7BES2

UG DEGREE EXAMINATION, APRIL – 2021

Second Semester

ENVIRONMENTAL STUDIES

(Common for B.Sc. Catering Science and Hotel Management/
B.Voc., Fashion Technology/B.Voc., Software Development/
M.Sc. Integrated Marine Biology/B.Sc. Yoga/BFA painting/
BPA Bharathanatyam/BPA Music (Vocal))

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Section A

(10 × 2 = 20)

Answer **all** the questions.

1. Sustainable utilisation.
நிலையான பயன்பாடு.
2. What is meant by natural gas?
இயற்கை எரிவாயு என்றால் என்ன?
3. Define biotic resources.
உயிரியல் ஆதாரங்களை வரையறுக்க.
4. Public awareness.
விழிப்புணர்வை வரையறுக்கவும்.
5. Give an examples of an inverted pyramids.
பிரமிடுகள் எதிர்மறை வரிசைகளை எழுதுக.
6. Define Grassland.
புல்வெளி பற்றி எழுதுக.
7. Define IUCN.
ஐயுசிஎன் வரையறு.
8. What is meant by In-situ conversion of biodiversity?
அகச்சூழல் பாதுகாப்பு - வரையறு.
9. Define pollution.
மாசுபாடு பற்றி வரைக.
10. Mention any two controlling measures on indoor air pollution.
உட்புற காற்று மாசுப்பாட்டை கட்டுப்படுத்தும் இரண்டு காரணிகள்.

Section B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Give an account on importance of environmental science.

சுற்றுச்சூழல் அறிவியலின் முக்கியத்துவம் பற்றி சுருக்கமாக எழுதவும்.

Or

- (b) What are the importance of environment is essential for public awareness?

சூழல் பற்றிய முக்கியத்துவம் பற்றி விழிப்புணர்வு ஏன் அவசியம்?

12. (a) What are the causes of deforestation?

காடுகளை அழிக்கும் காரணங்கள் என்ன?

Or

- (b) What are the effects and causes of land degradation?

நிலசீரழிவு ஏற்படுத்தும் விளைவுகளை ஒரு குறிப்பு எழுதவும்.

13. (a) Give an account on function of ecosystem.

சுற்றுச்சூழலின் செயல்பாடுகளை சுருக்கமாக எழுதவும்.

Or

- (b) Bring out the importance of maintaining balanced ecosystem.

சுற்றுச்சூழல் பராமரிப்பின் முக்கியத்துவம் பற்றி எழுதுக.

14. (a) Describe various causes and depletion of biodiversity.

பல்லுயிரியலின் வீழ்ச்சியின் பல்வேறு காரணங்களை விவரிக்கவும்.

Or

- (b) What is meant by Green house effect and its causes.

பசுமைக்குடில் என்றால் என்ன அதன் காரணங்கள் மற்றும் விளைவுகளை எழுதுக.

15. (a) Discuss about the solid waste management.

திடக்கழிவு மேலாண்மை பற்றி சிறு குறிப்பு வரைக.

Or

- (b) How to control the measures of air pollution?

காற்று மாசுபாட்டை எவ்வாறு கட்டுப்படுத்துவது என்பதை தெரியப்படுத்தவும்

Section C

(3 × 10 = 30)

Answer any **three** questions.

16. Write in detail about the Public awareness on environment.

சுற்றுச்சூழலின் பொதுவான விழிப்புணர்வுப்பற்றி மக்களின் கருத்துக்களை விரிவாக எழுதவும்.

17. Describe in detail about renewable and non-renewable resources.

புதுப்பிக்கத்தக்க மற்றும் புதுப்பிக்க இயலாத ஆற்றல் வளங்களை விரிவாக விளக்குக.

18. Elaborately about the concept and structure and function of ecosystem.

சுற்றுச்சூழல் மாசுபாட்டின் குறிப்பு அதன் அமைப்பு செயல்பாட்டினை தெளிவாக விரிவாக எழுதவும்.

19. Explain in detail about the values of biodiversity.

பல்லுயிரியத்தின் மதிப்பினை விரிவாக, தெளிவாக பட்டியலிடுக.

20. Describe an environmental friendly method applied profitably dispose of human waste and cattle waste.

மனித கழிவுகளையும் மற்றும் கால்நடை கழிவுகளை சுற்றுச்சூழல் கெட்டுவிடாமல் அகற்றும் முறைகளை விரிவாக எழுதவும்.

R-4542

Sub. Code

9BS2C1

B.Voc DEGREE EXAMINATION, APRIL 2021

Second Semester

Software Development

WEB TECHNOLOGY

(CBCS - 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. List out the seven layers of OSI model.
2. Define Scoop.
3. What is an ISP? Give its use.
4. Expand the following
 - (a) SMTP
 - (b) IMAP
5. Give the difference between ordered and unordered list in HTML.
6. How do you display images in HTML?
7. Write any two characteristics of JavaScript.
8. List the different ways of creating Arrays in JavaScript.
9. What is Bootstrap CDN?
10. How do you create the blog layout?

Part B $(5 \times 5 = 25)$

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the concept Resource Sharing.
Or
(b) Briefly explain how the data passes through layer.
12. (a) Write a note on Uniform Resource Locators.
Or
(b) Differentiate FTP and SMTP.
13. (a) Explain the attributes of a table tag with example.
Or
(b) Explain the time element in HTML with examples.
14. (a) Illustrate keyboard input and screen output in JavaScript with examples.
Or
(b) Demonstrate event handling from button elements and password elements.
15. (a) Explain the deep customization of Bootstrap.
Or
(b) How to customize base CSS using LESS variables?

Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Summarize the growth of the Internet.
17. Write short notes on the following
- (a) DNS
- (b) MIME

18. Write HTML code to design your college website.
 19. Briefly explain functions in JavaScript with example.
 20. How to include Bootstrap in your HTML file? Explain with suitable example.
-

R-4543

Sub. Code

9BS2C2

B.VOC. DEGREE EXAMINATION, APRIL 2021.

Second Semester

Software Development

INTRODUCTION TO MULTIMEDIA

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. Define multimedia
2. Write any four computer fonts.
3. What is data rate?
4. Write any four audio software and hardware.
5. List out any four image formats
6. What is the full form of PNG and PDF?
7. Difference between analog video and digital video.
8. Define Animation.
9. What are the types of authoring tools in multimedia?
10. What is flash?

Part B**(5 × 5 = 25)**

Answer **all** the questions, choosing either (a) or (b)

11. (a) Write web and internet multimedia applications.

Or

- (b) Explain the usage of text in multimedia.

12. (a) Explain the details about audio compression.

Or

- (b) Write the short notes on MIDI.

13. (a) Write any five the use of image editing software.

Or

- (b) Briefly explain photo retouching.

14. (a) How to compressed videos. Briefly explain it.

Or

- (b) What is computer animation? Explain it.

15. (a) Differentiate between the .FLA and .SWF file formats of a Flash movie.

Or

- (b) Explain multimedia authoring tools.

Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Briefly explain the components of multimedia.
 17. How to adding sound your multimedia project. Explain it.
 18. How to works image editing in multimedia software.
 19. Explain the details about the video compression and file formats.
 20. How to works in macromedia software to create a new gif files and store the files formats.
-

R5389

Sub. Code

9BS4C1

B.Voc. DEGREE EXAMINATION, APRIL – 2021

Fourth Semester

Software Development

OBJECT ORIENTED PROGRAMMING AND C++

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all the** questions.

1. Define Oop.
2. What is an object?
3. What is meant by data member?
4. Define friend function.
5. What is multiple inheritance?
6. Define polymorphism.
7. What is meant by stream?
8. What is the use of *precision()* function?
9. Define algorithm.
10. List out any four important functions supported by string class.

Part B

(5 × 5 = 25)

Answer **all the** questions, choosing either (a) or (b).

11. (a) List out and explain any five header files.

Or

- (b) Explain the features call by reference with a suitable example.

12. (a) Write a C++ program to read and display a student's details using class and object.

Or

- (b) What are the characteristics of constructor?

13. (a) Write a C++ program to demonstrate the virtual functions.

Or

- (b) Explain single inheritance in C++.

14. (a) Write a C++ program to read 10 names and store it into a file.

Or

- (b) Write notes on rethrowing an exception with an example.

15. (a) Write a C++ program to read two names and compare. If the names are not equal, you have to swap the strings using suitable string function.

Or

- (b) Tabulate the outputs of classic software life cycle.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain various basic concepts of OOP.
 17. Write a detailed note on static data member with suitable examples.
 18. Explain hybrid inheritance with an example.
 19. Discuss class templates with suitable examples.
 20. Explain the steps in Object-Oriented analysis.
-

R5390

Sub. Code

9BS4C2

B.Voc. DEGREE EXAMINATION, APRIL – 2021.

Fourth Semester

Software Development

COMPUTER NETWORKS AND ADMINISTRATION

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Protocol?
2. Define Mesh.
3. Write a note on P2P.
4. What is Switch?
5. Why do we need token bus?
6. What is VCN?
7. State the importance of Cryptography.
8. Why digital Signature?
9. Define Authentication.
10. How to manage security in networking?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Describe the evolution of Computer Network.

Or

- (b) Write in detail about Protocol Standards.

12. (a) Discuss the responsibilities of presentation layer.

Or

- (b) What are the specific services provided by application Layer.

13. (a) Explain about virtual Circuit Network.

Or

- (b) Illustrate the various topologies in LAN.

14. (a) What are the requirements in Network security? Explain.

Or

- (b) Write the basics of IPV₄ and IPV₆ Security.

15. (a) What are the different devices in Network management?

Or

- (b) Explain about fault management.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain in detail about Transmission Media.

17. Describe TCP/IP protocol Suite in detail.

18. Illustrate the working principles of wireless LAN's.
 19. Write a note on
 - (a) Message Authentication
 - (b) Hash function in N/W security.
 20. How to measure performance in network management?
Explain.
-

R5384

Sub. Code

9BV4G1

B.Voc. DEGREE EXAMINATION, APRIL – 2021

Fourth Semester

Fashion Technology/Software Development

PROFESSIONAL ETIQUETTES

(Common for B.Voc. (FT & SD))

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What do you mean by Business Etiquette?
2. Why Etiquette is important?
3. What do you mean by Personal hygiene?
4. How accessories are important in grooming?
5. What are included in Body language?
6. How will you receive visitors in office?
7. What is the significance of Dining Etiquette?
8. How to use napkin while dining?
9. Briefly mention about tipping.
10. What kind of gifts are preferred for a corporate gathering?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss few tips regarding shaking hands.

Or

- (b) How to remember names?

12. (a) Briefly discuss about make up Etiquettes.

Or

- (b) Discuss about Western Dressing.

13. (a) What do you mean by Elevator Etiquette?

Or

- (b) How to receive visitors in your office?

14. (a) How to use cutlery as part of dining Etiquette?

Or

- (b) How to avoid elementary dining mistakes?

15. (a) What do you mean by office party Etiquette?

Or

- (b) Discuss about email Etiquette.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss in detail about Etiquettes relating to greeting and introduction.

17. Explain the role of dress code as part of grooming.

18. What do you mean by 'use of office machine Etiquette'? Explain.
 19. Explain the salient features of Diving Etiquette.
 20. Discuss in detail various elements of restaurant Etiquette.
-

R5388

Sub. Code

9BS4G2

B.Voc. DEGREE EXAMINATION, APRIL – 2021

Fourth Semester

Software Development

INTRODUCTION TO BPO

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Mention some popular BPO companies in India.
2. What are the key challenges in offshore outsourcing?
3. Distinguish between a call center and a contact center.
4. Mention any four common challenges of the BPO industry.
5. What do you mean by Healthcare BPO?
6. List the top five global Healthcare BPO providers.
7. What are the steps in the transaction processing cycle?
8. Differentiate back office and front office services.
9. List out the activities involved in HR BPO.
10. What is the HR process?

Part B

(5 × 5 = 25)

Answer **all** the questions, choosing either (a) or (b).

11. (a) Explain the growth drivers of the BPO phenomenon.

Or

- (b) Discuss the emerging threats to the Indian BPO sector.

12. (a) Explain any five services offered by Indian BPO companies.

Or

- (b) Give BPO job hierarchy structure.

13. (a) Explain any three standard BPO Healthcare services.

Or

- (b) Discuss the future trends and threats in Healthcare BPO.

14. (a) Write a short note on financial services BPO.

Or

- (b) Discuss emerging BPO domains.

15. (a) Give the reasons for outsourcing HR.

Or

- (b) What do professionals in HR careers do?

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Classify and explain the challenges of BPO vendors.
 17. Which of the components should be integrated into the call center operation? Explain.
 18. Explain the reasons to outsource your Healthcare activities.
 19. How does a transaction processing system enhance the operational productivity of an organization? Explain.
 20. Discuss the BPO services for the Media and Entertainment industry.
-