

HARI VIDYA BHAWAN

WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject - Business Studies

❖ Project File Topics

- Fast Moving Consumer Goods (Roll No. 1-17)
- Banking (Roll No. 18-33)

❖ Details of the Project Work (min 30-40 Pages)

- Cover Page
- Name Page
- Certificate
- Acknowledgment
- Index
- Company Details
- Content Details
- Conclusion
- Bibliography

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject - Accountancy

❖ Project File Topics

- Comprehensive Project

❖ Details of the Project Work (min 30-40 Transactions)

- Cover Page
- Name Page
- Certificate
- Acknowledgment
- Index
- Comprehensive Project
 - Company Details (4-5 Pages)
 - Transactions (30-40)
 - Preparation of Vouchers
 - Journal Entries
 - Ledgers
 - Trial Balance
 - Adjustment Entries
 - Trading Account
 - Profit & Loss Account
 - Balance Sheet
- Conclusion
- Bibliography

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject - English

General Instructions

1. Follow the specific instructions given along with the questions.
2. All work should be neat and clean.
3. Learn all questions and ASL topics.

Literature Section

Do the following questions in 40 to 50 words in fair notebook:-

- Q1. Who is Mrs. Fitzgerald? Why do you think Mrs. Pearson called on her?
- Q2. Where did Mrs. Fitzgerald learn the art of fortune telling?
- Q3. What is Mrs. Fitzgerald's advice to Mrs. Pearson?
- Q4. How does Mrs. Pearson react to Mrs. Fitzgerald's advice to "Put your foot down."?
- Q5. Mrs. Fitzgerald seems to know Mrs. Pearson better than herself. How do you know this?
- Q6. Who is the first to receive the shock from the change? How?
- Q7. Describe Mrs. Pearson.
- Q8. Was the plan of Mrs. Fitzgerald successful in the end? How?
- Q9. Where was professor Gaitonde going? What was his mission?
- Q10. Why did Hornby road look more like a typical street in England?
- Q11. What did the trio see while travelling through the wilderness?
- Q12. What did the three do to prevent the car from skidding?
- Q13. Why does the father express a guilty feeling about his relationship with his son?
- Q14. Why was Andrew horrified when the child was born?
- Q15. How did Andrew look at the state of marriage?
- Q16. What was the King's desire and why?
- Q17. Why did the worker's follow his order?

Answer the following questions in 120 to 150 words:-

- Q18. Compare and contrast the personalities of Mrs. Pearson and Mrs. Fitzgerald?
- Q19. Justify the aptness of the title of the play Mother's Day.
- Q20. Mrs. Pearson made her life miserable by her own follies?
- Q21. The poem is a satire on foolish rulers and the equally foolish public. (The Tale of Melon City)
- Q22. 'Birth' celebrates the miracle of life shining through clouds of death. Explain.
- Q23. Give a character sketch of Dr. Andrew Manson.
- Q24. How did Rajendra correlate the battle of Panipat with scientific evidence?
- Q25. The journey to Mt. Kailash was arduous and full of dangers. Explain.

Reading Section

Do the following assignments in English Core Book.

Q26. Assignment 1 (pg. no. 6)

Q27. Assignment 3 (pg. no. 9)

Q28. Assignment 4 (pg. no. 48)

Q29. Assignment 1 (pg. no. 57)

Q30. Assignment 3 (pg. no. 58)

ASL

Do the following ASL topics in fair notebook.

1. How to enhance communication skills?
2. Role of technology in our life.
3. Importance of personality development.
4. Discrimination of caste.
5. Generation gap.
6. G20 Summit

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject - History

General Guidelines

- The project is to be done on A4 sheets.
- The total length of the project will be 15-20 pages.
- The project should be presented in a neatly covered shoe-lace folder.
- Students have to preserve the initial drafts of the project as well as any research papers that they may have used.
- The project must contain the sheets in a sequence format:-
 - ❖ Cover Page- Student Information, School name and year.
 - ❖ Acknowledgment
 - ❖ Certificate
 - ❖ Index
 - ❖ Introduction
 - ❖ Topics with Title/Heading
 - ❖ Conclusion
 - ❖ Bibliography

➤ **NOTE:- Every Pages must contains Photos related to the topic.**

History Project Topic

TOPICS	ROLL NUMBERS
▪ The Three Orders	1-11
▪ Changing Cultural Traditions	12-23
▪ Displacing Indigenous People	24-35
▪ Path to Modernization	36-45

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject – Political Science

General Guidelines

- The project is to be done on A4 sheets.
- The total length of the project will be 15-20 pages.
- The project should be presented in a neatly covered shoe-lace folder.
- Students have to preserve the initial drafts of the project as well as any research papers that they may have used.
- The project must contain the sheets in a sequence format:-
 - ❖ Cover Page- Student Information, School name and year.
 - ❖ Acknowledgment
 - ❖ Certificate
 - ❖ Index
 - ❖ Introduction
 - ❖ Topics with Title/Heading
 - ❖ Conclusion
 - ❖ Bibliography

➤ **NOTE:- Every Pages must contains Photos related to the topic.**

Political Science Project Topic

TOPICS	ROLL NUMBERS
▪ Legislature	1-11
▪ Executive	12-23
▪ Judiciary	24-35
▪ Nationalism	36-45

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject – Economics

General Instructions:

- To do the project work you can take help from the internet.
- Project work should be attractive, neat and clean with proper use of pictures and colorful sheets.
- All the topics should be covered which are given for the project.
- Revise notes of the chapters done in class for final examination.

Prepare a project file on the following topics according to Roll no. Mentioned below:

- Project file should be in good handwriting
- Number of pages should be between 30 to 35 pages.
- Every page should have pictures. (According to the content)
- File Should Include: Cover Page, Certificate, Acknowledgement, Index, Conclusion, Bibliography.
- This is an individual project, Every student has to prepare his or her own project.

Topics

- Production Possibility curve
- Forms of market
- Solar energy- cost effective source of energy
- Bumper production- boon or Bane for farmers

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject – Mathematics

General Instructions:

- Do the given questions in your revision notebook.
- Revise whole syllabus for pre-board examination.
- Make necessary corrections in your practical files.
- Do preparation of viva from the content written in the respective files.

Section A

1. Solve for x if $|x+2| = 2+i$

2. Write the sum of first n odd numbers
3. Write the n^{th} term if the sum of n terms of an AP is $2n^2 + 3n$
4. If $a < b$ write the length of latus rectum of an ellipse $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$
5. If $f(x) = 5^x$ for all real numbers of x find $f(x+5)$
6. What is the maximum number of objects you can weigh if you have four distinct weights. **Section B**
7. Prove that $f'(a+b) = f'(a) + f'(b)$ when $f(x) = x^2$ and when $f(x) = x^3$
8. If α, β are the roots of the equation $x^2 + px + q = 0$ Find $\alpha^3 + \beta^3$.
9. A positive 3 digit number has its units digit zero. Find the probability that the number is divisible by 4.
10. Prove that $\tan(45+x) = \sec 2x + \tan 2x$
11. Prove by mathematical induction that $n(n+1)$ is even
12. Find $n[(A \cup B \cup C)]$ if $n(A) = 4000$ $n(B) = 2000$ $n(C) = 1000$ and $n(A \cap B) = n(B \cap C) = n(A \cap C) = 400$, $n(A \cap B \cap C) = 200$
13. Find the latus rectum, eccentricity and coordinates of the foci of the ellipse $x^2 + 3y^2 = k^2$
14. Find the area of the circle passing through the points $(-8, 0), (0, 8), (12, 0)$
15. If S, S_1, S_2, S_3 are the sums of $n, 2, 3, n$ terms respectively of an AP prove that $S_3 = 3(S_2 - S_1)$
16. Find the least value of $f(x)$ if $f(x) = 3x^2 - 6x + 11$

17. Find $f(x) + f(1-x)$ if $f(x) = \frac{ax}{a^x + \sqrt{x}}$

18. Prove that $\frac{\tan 2x - \tan x}{\tan 2x \tan x} = \sin 2x$

19. Find the limit $\lim_{n \rightarrow \infty} \frac{(n+2)! + (n+1)!}{(n+2)! - (n+1)!}$

Section C

20. Find $\frac{dy}{dx}$ given that $y = (\sin x \cos nx) dx$

21. If $(5), (a), (b), (b^2)$ are in GP prove that $\log a + \log b = -(\log a + \log b)$

$$\frac{3}{7n-1} \quad \frac{2}{10}$$

22. If the n th term of a series is denoted by $\frac{3}{7n-1}$. Find the sum to infinity of the series.

23. Calculate the variance and standard deviation of the following data 8,12,13,15,22,14

24. $f(x) = a^{-1^x} + b^x$, $x \neq 0$. Find $f(1 + \frac{1}{y})$

25. The probability of A hitting a target is $\frac{4}{5}$; the probability of B hitting the target is $\frac{3}{4}$ and the probability of C missing the target is $\frac{1}{3}$. What is the probability of the target being hit at least twice.

$$\frac{2b^9}{x^9}$$

26. Find the term independent of x in the expansion $(ax - \frac{1}{x})^9$

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WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject – Front Office Operation

General Instructions:

- Do the given questions in your revision notebook.
- The given questions are long answer type questions and is to be answered in 100 to 150 words.
- Revise whole syllabus for pre-board examination.
- Make necessary corrections in your practical files.
- Do preparation of viva from the content written in the respective files.

Questions:

1.The principle of professional communication in which the words should make sense and should be related to the main topic is known as:

- a) Correct
- b) Concrete
- c) Concise
- d) Coherent

2.Theses express strong emotions, such as happiness, surprise, anger or pain. They have an exclamation mark at the end. It is known as:

- a) Articles
- b) Prepositions
- c) Conjunctions
- d) Interjections

3.Which of the following is NOT an internal motivational force?

- a) Goals
- b) Feedback
- c) Needs
- d) Attitudes

4.Amit is worried about his overweight and wants to be fit in order to join Army service as it is his first priority. He wants to reduce his weight by 15 kg and develop stamina to be able to run 10 km in 30 minutes in next six months. We can term his goal as:

- a) Specific
- b) Realistic
- c) Measurable
- d) Achievable

5.Whenile is saved in LibreOffice it gets a default extension as:

- a) .odt
- b) .otd
- c) .odd
- d) .doc

6. _____ is the shortcut key to create a new document in Libre Office Writer

- a) Ctrl+V
- b) Ctrl+N
- c) Ctrl+ Shift+N
- d) Shift+V

7. According to the definition of tourism by UNWTO, the minimum time period a tourist should spend in a destination is:

- a) 8 hours
- b) 10 hours
- c) 12 hours
- d) 24 hours

8. Tourism primarily is an _____ industry.

- a) Product based
- b) Service
- c) Transport
- d) Commerce

9. _____ is acknowledged as 'one of the most significant factors to have contributed to the international development of tourism'.

- a) Attractions
- b) Accommodation
- c) Transportation
- d) Information technology

10. In which country was the first rail system introduced?

- a) England
- b) USA
- c) India
- d) China

11. Rahul is on a trip to USA to visit his friends after many years. His friends are planning a vacation with Rahul in a passenger ship. Which of the following ship they would consider for their vacation?

- a) Cargo ships
- b) Cruise ships
- c) Special purpose ships
- d) Service Vessels

12. Fast food chains are also known as:

- a) Casual dining restaurants
- b) Fine dining restaurants
- c) Quick service restaurants
- d) Special service restaurants

13. The potential relationship between the consumer and the suppliers in the tourism supply chain.

- a) Computers
- b) Travel agents
- c) Tour operators
- d) Internet

14. The first hotel to serve French Cuisine in the United States was:

- a) City Hotel
- b) Tremont House
- c) Mansion House
- d) Exchange Coffee House

15. The organized existence of the hotel industry in India started during:

- a) Medieval Era
- b) Colonial Era
- c) Modern Era
- d) Grand Tour

16. ITC stands for

- a) Indian Tobacco Company
- b) Indian Tourist Company
- c) Indian Travel Company
- d) Indian Trade Company

17. The first luxury hotel built by the government of India in 1956 was:

- a) The Claridges Hotel
- b) The Imperial
- c) The Ashok Hotel
- d) Hotel Samrat

18. Message is any signal that triggers the response of a _____

- a) Sender
- b) Receiver
- c) Mediator
- d) Observer

19. Once a message is encoded in desired format it is transferred through: a) Medium

- b) Media
- c) Channel
- d) Satellite

20. The information which is transferred to the receiver has to be interpreted, this process is called:

- a) Encoding
- b) Decoding
- c) Opening
- d) Transferring

21. Communication ___ and _____ is called verbal communication

- a) Written material and gestures
- b) Gestures and spoken words
- c) Spoken words and written material
- d) Body language and gestures

22. Words are used in a profession, that can influence communication are known as:

- a) Professional language
- b) Jargon
- c) Professional terminology
- d) Vernacular language

23. When employees of same level of an organization communicate each other, it is termed as:

- a) Upward communication
- b) Downward communication
- c) Vertical communication
- d) Lateral communication

24. Match the following body language gestures with their meanings:

- (1) Rolling one's eyes (a) lack of confidence
(2) Nodding (b) exasperation
(3) The crossing of arms (c) confirmation
(4) Shaking of legs (d) defensive

- a) 1-d, 2- c, 3- b, 4- a
b) 1-c, 2-a, 3-d, 4-b
c) 1-b, 2-c, 3-d, 4-a
d) 1-a, 2-b, 3-c, 4-d

25. Which of the following giving emphasis to a syllable?

- a) Word stress
b) Voice quality
c) Appearance
d) Correct tones

26. Your tongue should not touch the top of your mouth. Pull your tongue back to the middle of your mouth, near where it naturally rests if you weren't saying anything. As you say this sound, your lips should be a little rounded. The above statement is applicable to make which sound?

- a) "L"
b) "R"
c) "H"
d) "TH"

27. Select the correct way to divide this word into syllables: **DEHYDRATE**

- a) Dehy-drat-e
b) De-hyd-rate
c) Deh-y-dra-te
d) De-hy-drate

28. Of the following listed items, which one is a front office personnel are permitted to wear when in the department?

- a) Eyeglass
b) Diamond ring
c) Large golden chain
d) Fancy Watch

29. Find the odd one out in grooming standards for men:

- a) No long sideburns.
b) Hair should touch the collar line of shirt
c) Non-oily appearance
d) Moustaches neatly trimmed.

30. In hotel industry, looks make a lot of difference. One feels very reassured when other people admire them and prefer to associate with them as they find them good. It boosts _____ of an employee.

- a) Character
b) Self-esteem
c) Personal Values
d) Physical appearance

31. When on duty, a man's shirt should:

- a) Be an attractive color
b) Be short sleeved
c) Not be buttoned up at the collar
d) Be light in color

32. Mr. David and his family from Australia came to visit the outskirts of Rajasthan. They have a plan to spend a week there to explore the beauty of villages in India. As their children are young, they took part in some adventurous activities after which they had some minor injuries. They rushed the children to a hospital which is located very far from their stay, as they could not find one in the nearby place. According to you which component of tourism is missing in this place? a) Accessibility

- b) Accommodation
- c) Information Technology
- d) Essential Services

33. A group of people went for a pilgrimage to Vaishno Devi Temple where they did not find a hotel accommodation as it was season time and all the hotels in the region were fully occupied with the guest. Later they had to adjust in a “Dharamshala”, where only minimal facilities were offered to them. This accommodation sector is known as:

- a) Condominium hotels
- b) Forest Lodges
- c) Supplementary accommodation
- d) Motels

34. India is a large market for travel and tourism. It offers a diverse portfolio of niche tourism products - cruises, adventure, medical, sports, MICE, eco-tourism, and religious tourism etc. India has been recognized as a destination for spiritual tourism for domestic and international tourists. In 2020, the travel & tourism industry's contribution to the GDP was US\$ 121.9 billion; this is expected to reach US\$ 512 billion by 2028. Tourists' initial expenditure in the country creates revenue for hotels, restaurants, travel agents and other tourist services etc. This economic influence of tourism is termed as:

- a) Direct effect
- b) Indirect effect
- c) Induced effect
- d) Fast effect

35. Kumar applied for the post of a Marketing Manager in a company after seeing the job vacancy in a leading newspaper. After one week he received a letter from the company by post mentioning that he did not attach the copies of his experience certificate and the company wants all the documents on an urgent basis. Later he sent all the necessary documents. He received interview card after 15 days and got selected in the interview. Which modes of communication occurred in the given situation?

- a) Simplex
- b) Half- Duplex
- c) Duplex
- d) Visual

36. A room was booked for a VIP in Sea Pearl Hotel, Mumbai. Front Office Manager and his team made all necessary arrangement for the VIP check-in, to make the stay comfortable for the guest. But the manager failed to communicate regarding this to the General Manager of the hotel. The type of barrier in the above situation is termed as:

- a) Semantic barrier
- b) Physical barrier
- c) Organizational barrier
- d) Psychological barrier

37. A walk-in guest approach front office staff to inquire about room availability. He noticed the staff at the front desk stands his arms crossed in front of the chest. This body language of the staff indicates that, he is:

- a) Defensive
- b) Impatient

- c) Authoritative
- d) Arrogant

38. As a Front Office Manager, you are conducting an orientation programme for the new employees of the department on various topics. As part of the orientation, employees are being guided with grooming standards to follow in the hotel. One lady staff raises a question regarding the accessories she can wear on duty specially nose ring. As a manager how will you guide the staff?

- a) The lady staff are not supposed to wear a nose ring
- b) Can wear a nose ring
- c) Only a small nose stud can be worn
- d) Nose studs are also not allowed

HARI VIDYA BHAWAN

WINTER VACATION ASSESSMENT

Class – XI

Session – 2022-23

Subject – Physical Education

❖ Details of the Project Work (min 30-40 Pages)

- Cover Page
- Name Page
- Certificate
- Acknowledgment
- Index
- Introduction
- History
- Game Play
- Rules
- Measurement
- Skills
- Terminology
- Players
- Awards
- Bibliography