



*Classes XI–XII*

*Dear Students,*

*As the summer sun shines brighter and the days grow longer, it's time to pause, relax, and recharge. The summer break offers a wonderful opportunity to reflect, grow, and stay creatively engaged.*

*To keep the spirit of learning alive, we've designed interesting, research-based holiday homework that encourages independent thinking and curiosity. Remember, every learner is unique — and progress matters more than perfection.*

☐ *Read & Rise!*

*Use this break to explore books that inspire and build character:*

- *You Can Win – For self-motivation*
- *Ikigai – To discover your purpose*
- *The Secret – To adopt positive thinking*
- *Eat That Frog – To overcome procrastination*

*Reading a few pages each day can go a long way in shaping your mindset and habits.*

✓ *Smart Break Tips:*

- *Balance your day with study, rest, and hobbies*
- *Prioritize important tasks and work steadily*
- *Maintain a clean and focused study space*
- *Don't hesitate to ask for help when needed*
- *Be consistent — little progress each day adds up*

☀ *Enjoy, Learn, and Grow*

*Make the most of your time — rest well, explore something new, and return refreshed with fresh energy and a positive mindset. Your effort and enthusiasm today shape your success tomorrow.*

*Wishing you a joyful and productive summer break!*

*Warm regards,*

*SVV Family*

*Wishing you a meaningful and magical summer!*

***“Summer brings the time to rest, But learning too can be at its Best!”***

# SUMMER ASSIGNMENT: 2025-26

## Class: XI (Commerce Stream)

### General Instructions:-

1. All the subject assignments have to be done in separate files using project papers.
2. Submission date:- 13<sup>th</sup> June, 2025 (Friday)
3. The Summer Break is scheduled from 04<sup>th</sup> May 2025 - 05<sup>th</sup> June, 2025. The students will resume the school from 6<sup>th</sup> June, 2025 (Friday).

**Note:-** These assignments are a part of your internal assessment & will be marked accordingly out of 10.

### ENGLISH CORE (301)

- Q1. You are Manisha of 10, Rajaji Nagar, Bangalore. You want a Maths teacher for your son who is a class 10 student. Draft a suitable advertisement in not more than 50 words stating your requirements.
- Q2. You are General Manager of Ivy Software Solutions, Agra Cantt, Agra. You need a software engineer for your organisation. Draft an advertisement in not more than 50 words to be published in 'The Times of India' under the classified columns.
- Q3. You are Ramanujam/Revathi, a student of Class XII, St. Xavier's School, Jhansi. You are interested in giving tuition in Maths to one or two students of class VIII. Draft an advertisement in not more than 50 words for a local newspaper.
- Q4. Animals recognize and value a relationship established with human beings. Explain this by keeping in mind the relationship established by Khushwant Singh's grandmother with animals and birds.
- Q5. A life of dedication and integrity can be lived even without college or university level education as the grandmother demonstrates. Elaborate
- Q6. Discuss the advantages and disadvantages of the joint family system. What values do you think children learn from grandparents?
- Q7. The chapter "The Portrait of a Lady" displays the sad reality of old age. Old people face loneliness and seclusion. It gets you thinking about the pain of old age. Write an article about 'Pain of Old Age'
- Q8. How does the story 'The Summer of the Beautiful White Horse' convey the message of honesty and integrity and how do the characters maintain it irrespective of their desire to keep the horse with themselves? What other human values did the two young boys reflect in their character?
- Q9. "Both wry with the labored ease of loss". The poet is missing her mother. What is the role of the mother in forming the personality of a child?
- Q10. Aram justified the act of stealing the horse as he didn't consider it to be stealing. In fact he was Mourad's partner in crime. What would you have done if such a situation confronted you?

### ECONOMICS (030)

#### Case Studies

- Q1. How does the demand for air travel during the post COVID period reflect a change in the demand function?
- Q2. With the recent hype surrounding AI tools like Chat GPT, how might the increased interest in AI shift the demand for traditional software solutions like Microsoft Office compared to a tech-specific service (like cloud storage)?
- Q3. With the growing popularity of streaming platforms like YouTube's premium subscriptions, how would a price drop in their premium service affect quantity demanded compared to a long term shift in the demand for YouTube as a whole platform?
- Q4. With the growth of the side hustle economy (e.g, freelance platforms like Upwork, Fiverr), how does an increase in real income affect the demand for normal goods in the market? Unemployment in India when scarcity of resources is a universal fact?
- Q5. How do you account for a rise in demand for rice even when own price of rice was rising in the flood-ravaged Jammu-Kashmir state of India?

- Q6.** A college student in India decided to work over the weekend instead of studying for an upcoming exam. What is the opportunity cost of this decision in a real-world content?
- Q7.** An online fashion retailer like Myntra must decide whether to produce more trendy clothing or invest in sustainable, eco-friendly collections. How does the production possibility curve explain the opportunity cost of this decision?
- Q8.** A social media influencer in India has the option to either spend more time creating sponsored content for brands like 'Sugar Cosmetics', or focus on producing original content for their followers. How does marginal opportunity cost explain her decision?
- Q9.** What is the likely impact of 'Sarv Shiksha Abhiyan' and 'Skill India Campaign' on PPC of the Indian Economy?
- Q10.** Rahul has three job opportunities in hand, offering him a salary of Rs.20,000, Rs.25,000, and Rs.30,000 respectively. What is Rahul's opportunity cost?
- Q11.** Do you agree with the view that a good may be 'inferior' to one but 'normal' to the other?
- Q12.** What is the relation between Good X and Good Y, if with rise in the price of Good X, demand for Good Y rises? Give an example.
- Q13.** "Petrol and Diesel prices were cut by Rs.2 per litre each as international oil prices slumped to a five-year low." What will be the impact on the demand for cars in India?

### BUSINESS STUDIES (054)

- Q1.** Shiela after graduating from college went back to her home town in Meghalaya. It was a small town with very few job opportunities. The Karbi tribal women in that area were uneducated but still practiced the method of obtaining traditional colours from natural wild herbs. Their most popular dye was indigo obtained from the leave called 'sibu'. Using these colours they added variety to their textiles. The women were mainly confined to their homes and they did not know how to make a living out of their talent. Shiela went from door to door and analysed the problem that existed. She thought of setting up a business of buying textiles from them and converting them to suits in her factory in Noida. Her business turned out to be a great success. On the basis of the given information about Shiela, answer the following questions:
- Identify the type of business activity Shiela is engaged in.
  - Specify the category of the type of business activity performed by Shiela.
  - Which type of business activity is undertaken by Karbi tribal women by getting indigo obtained from the leave called 'sibu'?
- Q2.** The banking system in India dated back to 1750 BC. In ancient India there is evidence of loans from the Vedic period. From the writing of many foreign travellers during Mughal period we came to know about the use of various instruments in the then great commercial centres. In the Mughal period historians found the evidence of loan deeds which were called dastawez. There were two types of dastawez - one was payable on demand and other was payable after a stipulated time. The most important class of credit instruments of exchange evolved in India at that time. Their use was most widespread in the twelfth century, and has continued till today.
- Identify the instrument of exchange prominent in the great ancient commercial centres of India.
  - State two important features of the instrument of exchange identified in part (a).
- Q3.** Rohit and Gurvinder are partners selling electronic products across India. They import the components from their friend Atul who does his business in China and assemble them in their factory established in a rural area Jharkhand most of the workers in the factory are children and women. They are paid very less salaries thus owner save on labour cost. They store their stocks in a warehouse but donot take proper safety measures against fire, burglary. There was a short circuit in the factory and as a result most of the stock was damaged. On the basis of the given information about Rohit and Gurvinder, answer the following questions:
- Specify the type of business activity performed by Rohit and Gurvinder.
  - Specify the type of business activity performed by Atul.
  - Specify the auxiliary to trade used by Rohit and Gurvinder.

(d) Identify any value which has been violated by Rohit and Gurvinder.

- Q4.** Ratan after doing his B. Pharma degree from a reputed government college started two chemist shops in two different localities of his home town. Encouraged with the success of these shops, he started six more shops in different cities of the State. His strategy was to cut price, focus on lower and middle class patients and open shops near hospitals. He earned good profit margins. But the staff of the shops did not give much attention to the customers. Because of this mis-management he started incurring huge losses and his business failed.

On the basis of the given information about Ratan, answer the following questions:

- (a) Identify and explain the main cause behind the business failure of Ratan.
- (b) Explain any two other causes of risk associated with Ratan's business.

- Q5.** Alex David is a legal advisor in a multinational company. He gets 65,000 per month as his salary. On weekends, Alex David goes to nearby village and teaches some slum children, he does not charge anything from them, he does it out of sympathy and concern for poor children. This gives him mental and psychological satisfaction. On the basis of the given information about Alex David, answer the following questions:

- (a) Specify the types of human activity performed by Alex David.
- (b) Differentiate between types of human activity identified in part (a) on any two basis.
- (c) Identify any value which Alex David is trying to communicate to the society.

- Q6.** Aman and Sandeep completed their studies and planned to start their own business instead of looking for job. Aman's father is working in Portland Cement manufacturing company as supervisor. He told them that common materials used to manufacture cement include limestone, shells, and chalk or marl combined with shale, clay, slate, blast furnace slag, silica sand, and iron ore. He also told them that Limestone is most often mined from a quarry which is done by Adarsh Ltd. He told them that his company is facing a problem of storing the limestone because of shortage of space. This gave them an idea to start a warehousing business. On the basis of the given information, answer the following questions:

- (a) Identify the different types of industries being discussed in above case
- (b) Specify the category of type of industries to which the industries identified in part (a) belongs to.

- Q7.** Mariah had done a diploma in fashion designing. She is very creative. She saw a picture of a party gown in international fashion magazine having a price tag of 50,000. She decided to make that gown herself with some customisation. She calculated that for making of gown, she has spent 4000. Her friend liked the gown very much, so Swati sold that gown to her friend for 8,500 and made a profit of 4,500. Swati decided to open a boutique of selling readymade dresses for girls. On the basis of the given information about Mariah, answer the following questions:

- (a) Will the transaction between Mariah and her friend be termed as business?
- (b) State the underlying feature of business.
- (c) Explain the other features of business?

- Q8.** About 6 billion passengers travel in Indian Railways each year. If anyone of us has traveled they will vouch for the fact that currently the availability of quality food in Indian Trains is something not to be excited about. Travelkhana solves this very problem for the railway passenger. It offers a variety of choices to a railway passenger so that the passengers can order food as per their liking and at their price point while they are travelling. The Travelkhana automated platform tracks trains in real time across India and ensures that fresh food is delivered to the passenger as per their choice in real time. It also helps vendors and restaurants in terms of effective and efficient fulfillment. Additionally, it completes an entire fulfillment cycle right from the point of ordering to Delivery, Customer feedback and Reconciliation. What is most exciting is that railway passengers are served fresh food thanks to the patented technology behind Travelkhana? Travelkhana was started by-Mr. Pushpinder Singh. On the basis of the given information about Travelkhana, answer the following questions:

- (a) Identify the types of industry being discussed in above case.
- (b) What values are being exhibited by the above business?

- Q9.** Anuj and Ahmed are partners in a firm. They admit John as a new partner, who is physically challenged. Anuj asked Ahmed and John to get the firm registered. But Ahmed and John didn't agree and said that the registration procedure will involve lot of formalities.  
If you are Anuj, how will you convince them to get the firm registered?
- Q10.** Mohan and Radha want to start a shop to sell Rajasthani Sweets. They did not know how to develop the agreement for this purpose. So, they approached a Chartered Accountant who advised them to prepare a document which may stipulate 'the terms and conditions of the agreement'.  
On the basis of given information, answer the following questions:  
(a) Name the document about which the chartered accountant advised Mohan and Radha.  
(b) State any four important items they should include in the agreement besides the name, nature and place of business.
- Q11.** Harsh, Dinesh and Kunal were partners in a financing firm. Harsh and Kunal had gone for a meeting in London for analyzing business prospects in that country. In the meanwhile, Dinesh invested a huge amount in buying shares of a new company by borrowing money from Rajesh. This turned out to be a bad deal as the share prices soon fell down. When Harsh and Kunal came back they said they were not liable to pay to Rajesh as they did not take the money.  
On the basis of the given information, answer the following questions:  
(a) Were Harsh and Kunal right in doing so?  
(b) Under which aspect of partnership are they bound? Explain.
- Q12.** Gupta Brothers inherited some ancestral property. They decided to form a Hindu Undivided Family (HUF) consisting of four male members and invested the ancestral property into the business. The family is headed by Shyam Sunder Gupta. The business took a loan of ₹10 lakh from Syndicate Bank for a term of three years. Due to poor financial position of the business, the family members were unable to repay the loan. The bank filed a suit for the recovery of loan. Shyam Sunder Gupta pleaded the court that as the entire loan was taken for the purpose of business, all members of the business were liable for the repayment of the loan. The court gave a decision and stated that all the members except Shyam Sunder Gupta, are liable for repayment of the loan only to the extent of their share of co-parcenary property of business. However, Shyam Sunder Gupta had to pay the balance amount from his personal property.  
On the basis of the given information, answer the following questions:  
(a) Why did the Court hold Shyam Sunder Gupta responsible for paying the business liabilities out of his personal assets?  
(b) Explain any three disadvantage of a Hindu Undivided Family Business (HUF) not discussed above.
- Q13.** Tripal Ltd. issued prospectus inviting public to subscribe for its shares. It came up with the public issue of ₹10 crores for 10 lakh shares worth ₹100 each. But the company wants to be sure on certain issues. You are required to suggest the company about the following aspects:  
(a) Prior approval from which organisation is required before going ahead with raising funds from public.  
(b) What is the minimum number of shares for which company should receive applications before going ahead with the allotment of shares and what is it called?  
(c) Why does the company need to appoint underwriters?  
(d) Identify the value which according to you motivated the company in issuing prospectus.
- Q14.** Shikha is a sole proprietor. Over the past decade, her business has grown from operating a neighbourhood corner shop selling accessories such as artificial jewellery, bags, hair clips, and nail polish to a retail chain with three branches in the city. She looks after the varied functions in all the branches, but now she wants to change her form of business as she also has plans to open branches countrywide. She is also planning to collect the funds by issue of shares.  
On the basis of the given information about Shikha, answer the following questions:  
(a) Which form of business is suitable for Shikha for the expansion of business? Also mention any two benefits of that form of business.  
(b) Explain two benefits of remaining a sole -proprietor.
- Q15.** Dev runs a successful Coach business in Bengaluru. Private commuters, tourists and business clients are among his customers. Dev has also operated a daily bus service between Bengaluru and Mysore for some

On the basis of the given information, answer the following questions:

- ## ACCOUNTANCY (055)

Based on analysis, answer the following questions:

- INFORMATICS PRACTICES (065)**

Sr.No	Place	Data Collection medium	Data type	Example	Command
1	Petrol Pump	Petrol pump meter	float	100.5	float(input('Enter price'))

**PHYSICAL EDUCATION (048)**

- Cover it with black color paper
- Paste the picture on the left hand side of the manual and label the necessary details.
- Stick pictures on blank pages only
- Detail index should be there
- Decorate it appropriately (inside)

**APPLIED MATHS (241)**

## Unit 1- NUMBERS, QUANTIFICATION, SEQUENCE AND SERIES

(i) 129                                      (ii) 394                                      (iii) 639                                      (iv) 1018

(i) 1000011110    (ii) 1111101  
(iii) 100010001                                        (iv) 110110110

(i) 11011101 and 10101001                      (ii) 11110101 and 11000110

(i) 10011010 from 100011110                      (ii) 101111011 from 1001001000



- Q5.** Multiply the following binary numbers and check the results by converting them to decimal system:  
 (i) 1000011 by 1011 (ii) 1100110 by 1001
- Q6.** Divide the following binary numbers and check the results by converting them to decimal system:  
 (i) 10000001 by 1111 (ii) 101011 by 1001
- Q7.** By converting to exponential form, find the values of:  
 (i)  $\log_5 0.008$  (ii)  $\log_{\sqrt{8}} 8$
- Q8.** Solve the following equations for x:  
 (i)  $\log_{\sqrt{3}}(x + 1) = 2$  (ii)  $\log_2(x^2 - 1) = 3$
- Q9.** If  $\frac{\log a}{b-c} = \frac{\log b}{c-a} = \frac{\log c}{a-b}$ , prove that:  $a^a \cdot b^b \cdot c^c = 1$
- Q10.** Solve for x:  $\log_2 x + \log_4 x + \log_{16} x = \frac{21}{4}$ .
- Q11.** Given that  $\log_{10} y + 2\log_{10} x = 2$ , express y in terms of x.
- Q12.** If  $\log \frac{x-y}{2} = \frac{1}{2}(\log x + \log y)$ , prove that  $x^2 + y^2 = 6xy$ .
- Q13.** Find the characteristic of logarithms of the following numbers:  
 (i) 538.6 (ii) 7124000  
 (iii) 0.00034 (iv) 0.00000526
- Q14.** Find the mantissa of logarithms of the following numbers using the log tables:  
 (i) 0.0135 (ii) 0.7824 (iii) 9.876
- Q15.** Evaluate the following using log table:  
 (i)  $\log 8.39$   
 (ii)  $\log 0.0007$   
 (iii)  $\log 0.00002591$
- Q16.** Using antilog tables, find x.  
 (i)  $\log x = 1.3649$  (ii)  $\log x = \bar{2}.4567$
- Q17.** Evaluate the following using log tables:  
 (i)  $\frac{(5.364)^3 \times (49.76)^{1/2}}{(83.45)^{1/3}}$  (ii)  $\frac{(0.0029)^{1/3} \times (3.769)^{1/2}}{(0.00078)^{3/4}}$
- Q18.** If the sum of n terms of a sequence is given by  $S_n = 2n^2 + 3n$  for all  $n \in \mathbb{N}$ , find the first 4 terms. Also find its 20<sup>th</sup> term.
- Q19.** If the sum of n terms of a sequence is given by  $S_n = 3n^2 - 2n$ , for all  $n \in \mathbb{N}$ . find its 10<sup>th</sup> term.
- Q20.** If x, y and z are in A.P, then show that  $(x+2y-z)(x+z-y)(z+2y-x) = 4xyz$ .
- Q21.** Show that the sum of  $(m+n)^{\text{th}}$  and  $(m-n)^{\text{th}}$  terms of an A.P is equal to twice the m<sup>th</sup> term.
- Q22.** Find three numbers in A.P whose sum is 21 and the product is 315.
- Q23.** The sum of three numbers in an A.P is 30, and the ratio of first to third is 3:7. Find the numbers.
- Q24.** Prove that a, b and c are in A.P iff  $\frac{1}{bc}, \frac{1}{ca}, \frac{1}{ab}$  are in A.P.
- Q25.** Show that  $a^2, b^2, c^2$  are in A.P if  $\frac{1}{b+c}, \frac{1}{c+a}, \frac{1}{a+b}$  are in A.P.
- Q26.** If a, b, c are p<sup>th</sup>, q<sup>th</sup> and r<sup>th</sup> terms respectively of an A.P, Prove that:  
 $p(b - c) + q(c - a) + r(a - b) = 0$
- Q27.** A man saved Rs 66000 in 20 years. In each succeeding year after the first year, he saved Rs 200 than what he saved in the previous year. How much did he save in the first year?
- Q28.** Kumar buys a Maruti car for Rs.2,40,000 at a down payment of Rs.1,20,000 and the rest in annual instalments of Rs.10,000 plus 12% interest on the unpaid amount. Eventually what will the car cost him?
- Q29.** There are n arithmetic means between 3 and 17. The ratio of the first mean to the last mean is 1:3. Find n.
- Q30.** Insert 10 A.M's between -5 and 17 and prove that their sum is 10 times the A.M between -5 and 17.

## MARKETING (812)

- Q1.** What is the basis of human contact and why is it important?
- Q2.** What are the advantages of written communication
- Q3.** Why active listening is an important aspect of effective communication?
- Q4.** What are the basic parts of speech?
- Q5.** What are the Do's of language usage?
- Q6.** Define marketing
- Q7.** What do you understand by the term Needs, Wants , and desire
- Q8.** What are the utilities created by marketing?
- Q9.** Explain the production concept
- Q10.** Explain Maslow's need Hierarchy theory