

Rizvi College Of Arts, Science And Commerce.

Subject: Logic

Annual Exam

Duration: 3 Hours.

Marks-80

Std-XI

Note:

1) All questions are compulsory

2) Figures to the right indicates full marks

1A. Fill in the Blanks (8 marks)

1. The _____ is the sign of connection between the subject and predicate. (Copula / Conjunction)
2. The proposition in which the predicate denied of the whole subject is a _____ negative proposition. (Universal / Particular)
3. The product of two classes is called _____ of classes. (null / intersection)
4. _____ is based on uncontradicted experience. (Simple / Enumeration analogy)
5. In _____ definition, the word is defined by giving examples (bi-verbal / extensive)
6. _____ is the word which is defined. (Definiendum / defined)
7. Fallacy means _____ in an argument.
8. Fallacy of _____ is based on the principle of 'Might is Right' (Baculam / Formal Fallacy)

1B. State whether the following statement are True or false. (7 marks)

1. We may explain a word extensively by giving examples of sub classes.
2. Lexical definition either true or false.
3. Stipulative definition neither true nor false.
4. Argumentum ad populum is appeal to emotion.
5. Argumentum as Hominem is appeal to against the man.
6. A Proposition is universal negative.
7. I proposition is particular affirmative.

2A. With the help of truth-table method whether the following statements forms are tautologous, contradictory or contingent. (Any 2) (6 marks).

1. $\sim p \vee (p \supset q)$
2. $(p.q) \supset (q. \sim p)$
3. $(\sim q \supset p) \supset (q \supset \sim p)$
4. $(p \supset p) \equiv (p \vee \sim p)$
5. $(q \supset \sim q) . (q \vee \sim \sim q)$

2B. Construct formal proof of validity for the following argument by using the method of conditional proof. (Any 3) 9 marks.

$$1) H \supset (M \vee S) \\ 2) \sim M / \therefore H \supset S$$

$$2) 1) (T \supset Q) \cdot (P \supset S) \\ 2) \sim S / \therefore T \supset (Q \vee M)$$

$$3) 1) \{[(A \cdot B) \supset R] \supset \sim R\} \supset \sim (A \cdot B)$$

$$4) [P \supset (Q \supset T) \cdot P] \supset (\sim Q \vee T)$$

3. Identify the following arguments. (any 5) (10 marks)

1. People suffering from diabetes must walk everyday. Since you are a diabetic patient even if you injured your legs you have to walk everyday.
2. 'Accident caused by youngsters reckless driving' is commonly read in News papers. Hence, no youngster should be allowed to drive.
3. Most Indians are cricket lovers. Hence all Indians like cricket.
4. 'God exists', since my Teacher says so.
5. Every student of this college is studious. Therefore, the college is studious
6. Artists are moody. Robert is an artist. Hence Robert is moody.
7. How do you say it is not a good cold drink? Famous cricketers strongly recommend it.
8. Freedom is the fundamental right of every citizen. Therefore we should not imprison a murderer.
9. If you utter a single word now, I will break your head.
10. Nobody has been able to prove the existence of aliens. This proves that it is merely a figment of imagination.

Q.4 Recognize with reasons, the types of definitions in the following. (Any 5) (10 marks)

1. Billion is one thousand million.
2. Coward is a weak hearted person.
3. Handsome means good looking.
4. Glowing means shining.
5. Creeper is a plant that grows with the support of a tree.
6. 'Between two fires' means 'between two dangers'.
7. Carrom, Badminton and Table Tennis are different games.
8. 'Allow' in English means a mixture of two metals.
9. 'Yellow' is the colour of that marigold flower.
10. According to Wundt, psychology is a science of conscious experience.

Q.5 State the tr

1. 'A' propo
2. If 'E' prop
3. If 'I' prop
4. If 'O' prop
5. If 'A' prop
6. If 'E' prop
7. If 'I' prop
8. If 'O' prop

Q.6 Define the fo

1. Contradict
2. Hypothesis
3. Universal P
4. Formal falt

Q.7 Write Short Ne

1. Stipulative l
2. Hypothetic
3. Arguing in c

Q.8 Explain the clas
quantity.

Explain the relation
opposition.

3

Q.5 State the truth – values of the following: (Any 3) (9 marks)

1. 'A' proposition is true, what are the truth values of 'E', 'I' & 'O' proposition.
2. If 'E' proposition is true, what are the truth values of 'A', 'I' & 'O' proposition.
3. If 'I' proposition is true, what are the truth values of 'A', 'E' & 'O' proposition.
4. If 'O' proposition is true, what are the truth values of 'A', 'E', & 'I' proposition.
5. If 'A' proposition is false, what are the truth values of 'E', 'I' & 'O' proposition.
6. If 'E' proposition is false, what are the truth values of 'A', 'E', & 'O' proposition.
7. If 'I' proposition is false, what are the truth values of 'A', 'E' & 'O' proposition.
8. If 'O' proposition is false, what are the truth values of 'A', 'E' & 'I' proposition.

Q.6 Define the following (Any 3) (6 marks)

1. Contradictory
2. Hypothesis
3. Universal Proposition
4. Formal fallacy

Q.7 Write Short Notes (Any 2) (8 marks)

1. Stipulative Definition
2. Hypothetico Deductive
3. Arguing in circles

Q.8 Explain the classification a proposition on the basic of the principal quality and quantity. (7 marks)

OR

Explain the relation of contrary and sub contrary with reference to the square of opposition.

4. What is assimilation?

STD: XI ARTS ANNUAL EXAMINATION

M.MARKS:80

SUB: SOCIOLOGY

TIME: 3 HOURS

NOTE: 1.All questions are compulsory

2. Figures to the right indicate full marks.

Q1.A. Fill in the blanks by choosing the correct alternatives given below. (08)

1. In sociology _____ is considered a way of life.
a. value b. belief
2. A rule that prescribes marriage outside the group is _____.
a. Exogamy b. endogamy
3. The mother is the head of the family in the _____ family system.
a. matriarchal b. patriarchal
4. Systems tend to be _____.
a. changing b. fixed
5. Family is _____ agency of socialization.
a. Formal b. informal
6. Conflict is a _____ process.
a. continuous b. universal
7. In the social process of co-operation, the _____ is shared by all persons.
a. behaviour b. goal
8. Religious extremists create _____ in society.
a. harmony b. conflict

B. Match the column A with B suitably. (04)

| A | B |
|---------------|-------------------------------------|
| 1. Family | a. non-material |
| 2. Jewellery | b. formal agency of socialization |
| 3. School | c. Informal agency of socialization |
| 4. Knowledge. | d. material culture |
| | e. sign |

C. Answer in one sentence each of the following. (04)

1. Define patriarchal family.
2. What is material culture?
3. Name the two types conflict.
4. What is assimilation?

Q2. Write short notes (any 2) (08)

1. Functions of family.
2. Characteristics of social process.
3. Types of co-operation

Q3. Distinguish between (any 3) (12)

1. Co-operation and Conflict
2. Nuclear family and Joint Family.
3. Co-operation and Competition
4. Patriarchal Family and Matriarchal Family
5. Endogamy and Exogamy

Q4. Answer the following in short (any 3) (12)

1. Forms of Marriage.
2. Importance of socialization
3. Types of Competition
4. Nature of Religion..

Q5. Answer the following (any 3) (12)

1. Explain the functions of marriage.
2. State the various types of culture.
3. What are the various forms of family?
4. State and explain the various types of conflict.

Q6. Answer the following (any 1) (10)

1. Define accommodation and state its characteristics.
2. Define culture and state its characteristics.

Q7. Answer the following (any 1) (10)

1. Define Assimilation and state its characteristics.
2. Define co-operation and state its characteristics.

Std.11th

MVC - FC

Time.3hrs.

Sub.FC.

Marks.80.

Q.No.1. Fill in the blanks

(20)

- 1) Relationship bind a tie of
- 2) Recruitment of a person is made on the basis of job
- 3) Selection of a person is a burden on the management.
- 5) Is an outlook of a person to act in a given situation.
- 6) Is a set strong beliefs.
- 7) Life is on life.
- 8) Avoid at work place.
- 9) is a force which motivates a group.
- 10) Follow the Whether your like it or not.
- 11) people come together and form a group.
- 12) Time is a unique
- 13) wait for none.
- 14) Don't wate time as it affects you also.
- 15) Time duty hours are fixed by the
- 16) is a register of attendance of employees.
- 17) Staff unions object to attendance .
- 18) is enforced to maintain order atmosphere.
- 19) Means exact in keeping time appointment.
- 20) Delegation means giving authority to your

Q.No.2. Answer the following. (any six)

(60)

- 1) What is value ?.
- 2) Explain some motivation values ?.

- 3) Explain ideological and emotional ethics ?.
- 4) State important aspect of interpersonal relationship ?.
- 5) State importance of inter personal ?.
- 6) What are the skills to be possessed by the employees ?.
- 7) Explain permanent and impermanent group ?.
- 8) What are the technique for working in group ?.
- 9) What things are required for motivation a group ?.
- 10) Explain the term team building ?.

————— x —————

Q1. (1) T
(2) S
(3) -
(4) -
(5) R
(B)

| |
|-----|
| Gr |
| 1W |
| 2Pr |
| 3C |
| 4M |
| 5E |

(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)
(10)
(11)
(12)
(13)
(14)
(15)
(16)
(17)
(18)
(19)
(20)

FINAL EXAMINATION-2016-17

CLASS: FYJC- ARTS

ECONOMICS

MARKS: 80

TIME: 3hrs

Q1. (A) Fill in the blanks using proper alternatives given in the brackets: 05

- (1) Transport creates-----utility.
(Place /form/time)
- (2) Statistics are ----- of facts.
(Aggregates/isolation/averages)
- (3) ----- is an orderly arrangement of data in rows and columns.
(Diagrams/table/bar)
- (4) ----- is a positional average.
(Mean/median/diagrams)
- (5) Index numbers are ----- averages.
(Multiple/simple/specialised)

(B) Match the following Group 'A' with Group 'B': 05

| Group 'A' | Group 'B' |
|------------------------|----------------------|
| 1. Water ways | a) Column title |
| 2. Primary data | b) Index numbers |
| 3. Caption | c) Original data |
| 4. Mode | d) Cheapest |
| 5. Economic Barometers | e) Borrowed data |
| | f) Highest frequency |

(c) State whether the following statements are TRUE or FALSE: 06

- (1) Inland water transport takes place through rivers.
- (2) Statistics is numerically expressed.
- (3) Questionnaire method is used to collect secondary data.
- (4) Diagram represent the tabulated data in a visual form.
- (5) Mode can be calculated mere inspection.
- (6) There are no limitations of index numbers.

Q2. (A) Define or explain the following concepts any **three** 06

1. Statistics. 2. Classifications. 3. Tabulation
4. Median. 5. Index number. 6. Internet

(B) Give reasons or explain the following concepts any **three** 06

- (1) Modernization of postal services improves its efficiency.
- (2) Importance of statistics has increased to larger extent.
- (3) Primary data is raw data.
- (4) There are many types of diagrams.
- (5) Mean is based on each item of the series.
- (6) Median divides the series into two equal parts.

- Q3. (A) Distinguish between any **three** 06
- (1) Road ways and Railways.
 - (2) Primary data and Secondary data.
 - (3) Median and Mode.
 - (4) Price index and Quantity index number.
 - (5) National highways and state highways.
 - (6) Rail transport and water transport.

- (B) Write short notes any **two** 06
- (1) Scope of statistics.
 - (2) Sources of secondary data.
 - (3) Merits and demerits of mode.
 - (4) Calculate the arithmetic mean from the following.

| | | | | | |
|-----------------|---|----|----|----|---|
| Marks | 5 | 6 | 7 | 8 | 9 |
| No. of students | 5 | 12 | 15 | 10 | 8 |

- Q4. Write short answers for the following questions any **three** 12
- (1) State the features of statistics.
 - (2) Explain the components of an ideal table.
 - (3) Write merits and demerits of mean.
 - (4) Explain the general principles for constructing diagrams.
 - (5) Explain the exclusive method and inclusive method.
 - (6) Explain the importance of Index number.

- Q5. Explain the reasons whether you agree or disagree with the following Statements any **three** 12

- (1) Transport and economic development are interrelated.
- (2) Statistics is not important to the students of economics.
- (3) Mean is the middle item of the series..
- (4) Mean and mode means same thing.
- (5) There are no limitations to the index number.
- (6) Find median marks from the following.

| | | | | | | |
|-----------------|----|----|----|----|----|----|
| Marks | 5 | 10 | 15 | 20 | 25 | 30 |
| No. of students | 10 | 4 | 5 | 12 | 9 | 8 |

- Q6. Write explanatory answers any **two** 16
- (1) Explain the advantages and problems of roadways and railways.
 - (2) Explain the methods of collection of primary data.
 - (3) Explain questionnaire method with its merits and demerits.
 - (4) What are the steps in the construction of index number?

STD: XI ARTS ANNUAL EXAMINATION

M.MARKS:80

SUB: HISTORY

TIME: 3 HOURS

NOTE: 1. All questions are compulsory

2. Figures to the right indicate full marks.

Q1.A. Fill in the blanks by choosing the correct alternatives given below. (08)

1. First Factory Commission was formed under presidentship of _____
a. Arboy Knot b. Sorabji
2. Jaipur session of the Congress led to formation of _____ committee.
a. Dar b. J.V.P
3. Tarabai Modak worked for the Adivasis in the _____ district.
a. Nasik b. Thane
4. Hyderabad state was annexed to India on _____.
a. 17th December b. 19th December 1961
5. The President of Sanyukta Maharashtra Movement was _____.
a. D.V.Potdar b. Shankarrao Dev
6. _____ was the first chief minister of the Sanyukta Maharashtra.
a. Vasantao Naik b. Yashwantrao Chavan
7. _____ said that Maharashtra will not get Mumbai for five thousand years.
a. S.K.Patil b. S.M.Joshi
8. _____ was the capital of Satavahanas.
a. Paithan b. Aurangabad

B. Match the column A with B suitably. (04)

- | A | B |
|-------------------------|------------------------|
| 1. Devgiri Fort | a.Swami Ramanand Tirth |
| 2. Kailash Temple | b. Kasim Razvi |
| 3. Operation Polo | c. Arjapour |
| 4. Govindrao Pansare | d. General Godard |
| 5. Razakar organization | e. Ellora |
| | f. Yadav Dynasty |

Q2. Answer in one sentence each of the following (any 8) (08)

1. Who started the daily 'Dinbandhu'?
2. Who started 'Arya Mahila Samaj'?
3. Where is Hutatma Smarak?
4. Who was awarded the title of Rao Bahadur?
5. Name two saints of Maharashtra..
6. What is the meaning of social movement?
7. Who was Anandibai Joshi?
8. When was Maharashtra formed?
9. Who was the Prime Minister of the Nizam?

10. In whose tenure were fly overs constructed in Mumbai?

Q3. Give reasons of the following in 25-30 words each (any 4) (12)

1. Labour Movement began due to injustice towards labour.
2. Dr Ambedkar established the Bahishkrit Hitkarni Sabha.
3. Many regimes ruled over the Marathwada region.
4. Dr. Anandibai Joshi was an inspiration for the girls.
5. There was a rise in the economic progress of Maharashtra after independence.
6. Education is important for an all round progress.

Q4. Answer the following in 25-30 words each (any 4) (12)

1. State the problems of Labour .
2. Write a note on the J.V.P Committee.
3. Write a note on Chavdar lake Movement..
4. Write a note on Operation Polo.
5. Explain the 'Formation of Maharashtra' in short..
6. Aims and Objectives of the Sanyukta Maharashtra Movement.

Q5. Answer the following in 40-50 words each (any 3) (12)

1. Write a note on Armed revolt of Hyderabad Freedom Struggle.
2. Explain the 'Dar Commission'.
3. Write a note on Hindu Code Bill
4. State the works of various political parties of Maharashtra.

Q6. Answer the following in 80-100 words each with the help of given points (any2) (12)

1. What was the contribution of Dr Ambedkars work?
 - a. Chavdar Lake Movement
 - b. Bahishkrit Hitkarni Sabha
 - b. Kalaram Temple Entry Movement
2. Explain the contribution of Indian Male Reformers..
 - a. Rajaram Mohan Roy
 - b. Mahatma Phule
 - b. Gopal Hari Deshmukh
3. What was the contribution of Indian Women Reformers.
 - a. Savitribai Phule
 - b. Pandita Ramabai.
 - c. Dr Anandibai Joshi

Q7. Answer the following in brief (any2) (12)

1. Explain the Historical Background of Sanyukta Maharashtra.
2. Explain the works of Maharashtra Parishad.
3. Explain the Educational Progress of Maharashtra..