

Question Paper Design 2019-20

English CORE XII (Code No. 301)

Marks-80+20=100

| Typology | Testing Competencies | Objective Type Question including MCQs(1 mark each) | Short Answer Questions (2 marks each) | Short Answer Question (4 marks each) | Long Answer Question 120-150 words (6 marks each) | Very Long Answer Question 150-200 words (HOTS) (10 marks each) | Total marks |
|---|--|---|---------------------------------------|--------------------------------------|---|--|-------------|
| Comprehension | Conceptual understanding, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s | MCQ = 5 Objective Type Questions = 7 | - | 2 | - | - | 20 |
| Writing Skills | Reasoning, appropriacy of style and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity | - | - | 1 | 1 | 2 | 30 |
| Literature textbooks and supplementary reading Text | Recalling, reasoning, appreciating literary convention, inference, analysis, creativity with fluency | 8 Objective Type Questions (4 from 1 prose and 4 from 1 poetry extract) | 5 | - | 2 | - | 30 |
| | TOTAL | 1x20=20 | 2x5=10 | 4x3=12 | 6x3=18 | 10x2=20 | 80 |
| Assessment of Listening and Speaking Skills | | - | - | - | - | - | 20 |
| | GRAND TOTAL | - | - | - | - | - | 100 |

PHYSICS (Code No. 042)
COURSE STRUCTURE
Class XII– 2019-20 (Theory)
QUESTION PAPER DESIGN
Board Examination –Theory

Maximum Marks: 70

Duration: 3 hrs.

| S | Typology of Questions | VSA- Objectiv e Type (1 mark) | SA (2 marks) | LA-I (3 marks) | LA-II (5 marks) | Total Marks | Perce ntage |
|---|---|--|---------------------|-----------------------|-----------------------|----------------|----------------|
| 1 | Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. | 2 | 2 | 1 | - | 9 | 12% |
| 2 | Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas | 6 | 2 | 2 | 1 | 21 | 30% |
| 3 | Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. | 6 | 2 | 1 | 2 | 23 | 33% |
| 4 | Analysing and Evaluating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations | 6 | 1 | 2 | - | 14 | 20% |

| | | | | | | | |
|---|--|---------|------------|------------|--------|----|-----|
| | Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. | | | | | | |
| 5 | Creating: Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions. | - | - | 1 | - | 3 | 5% |
| | Total | 20x1=20 | 7x2=1 4 | 7x3=2 1 | 3x5=15 | 70 | 100 |

Practical: 30 Marks

Note:

1. **Internal Choice:** *There is no overall choice in the paper. However, there will be at least 33% internal choice.*
2. *The above template is only a sample. Suitable internal variations may be made for generating similar templates keeping the overall weightage to different form of questions and typology of questions same.*

Physics Class XII

QUESTION –WISE BREAK –UP

| Type of Question | Mark per Question | Total No. of Questions | Total Marks |
|---------------------|-------------------|------------------------|-------------|
| VSA(Objective type) | 1 | 20 | 20 |
| SA | 2 | 7 | 14 |
| LA I | 3 | 7 | 21 |
| LA II | 5 | 3 | 15 |
| Total | | 37 | 70 |

Note:

1. Internal choice : there is no overall choice in the paper.However, there will be atleast 33% internal choice.
2. Suitable internal variations may be made for generating various templates keeping the overall weightage to different form of questions and typology of questions same.

PRACTICALS : 30 marks

| | |
|---|-----------|
| Two experiments one from each section | 8+8 marks |
| Practical record (experiments and activities) | 6Marks |
| Investigatory Project | 3 Marks |
| Viva on experiments, activities and project | 5 marks |
| Total | 30 marks |

Chemistry (Code No. 043)

Question Paper Design Class – 12 (2019-20)

Very Short Answer Objective type (VSA) (1 Mark)

Remembering: 2

Understanding: 6

Applying: 6

Analysing: 6

Evaluating: 0

Creating: 0

Total: 20

Short Answer-II (SA) (2 Marks)

Remembering: 1

Understanding: 2

Applying: 2

Analysing: 1

Evaluating: 0

Creating: 1

Total: 14

Long Answer-I (LA) (3 Marks)

Remembering: 1

Understanding: 2

Applying: 2

Analysing: 2

Evaluating: 0

Creating: 0

Total: 21

Long Answer-II (LA) (5 Marks)

Remembering: 0

Understanding: 1

Applying: 1

Analysing: 0

Evaluating: 0

Creating: 1

Total: 15

Total Marks

Remembering: 7

Understanding: 21

Applying: 21

Analysing: 14

Evaluating: 0

Creating: 0 7

Total = 70

Weightage (% age)

Remembering: 10%

Understanding: 30%

Applying: 30%

Analysing: 20%

Evaluating: 0%

Creating: 10%

Total: 100%

Question Wise Break up

| Type of Question | Mark per Question | Total No. of Questions | Total Marks |
|------------------|-------------------|------------------------|-------------|
| VSA/ Objective | 1 | 20 | 20 |
| SA | 2 | 7 | 14 |
| LA-I | 3 | 7 | 21 |
| LA-II | 5 | 3 | 15 |
| Total | | 37 | 70 |

1. No chapter wise weightage. Care to be taken to cover all the chapters.
2. Suitable internal variations may be made for generating various templates keeping the overall weightage to different form of questions and typology of questions same.

Practicals

| Evaluation Scheme for Examination | Marks |
|-----------------------------------|-------|
| Volumetric Analysis | 08 |
| Salt Analysis | 08 |
| Content-Based Experiment | 06 |
| Project Work | 04 |
| Class record and viva | 04 |
| Total | 30 |

MATHEMATICS (Code No. - 041)
QUESTION PAPER DESIGN CLASS - XII
(2019 - 20)

Time: 3 hours

Max. Marks: 80

| S. No. | Typology of Questions | Very Short Answer-Objective type (VSA) (1 Mark) | Short Answer-I (SA) (2 Marks) | Long Answer-I (SA) (4 Marks) | Long Answer (LA) (6 Marks) | Total Marks | % Weightage |
|--------------|--|---|-------------------------------|------------------------------|----------------------------|-------------|-------------|
| 1 | Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. | 4 | 1 | 1 | 1 | 16 | 20 |
| 2 | Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas | 6 | 2 | 3 | 1 | 28 | 35 |
| 3 | Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. | 6 | 2 | 1 | 1 | 20 | 25 |
| 4 | Analysing : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations Evaluating: Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Creating: Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions | 4 | 1 | 1 | 1 | 16 | 20 |
| Total | | 20x1 =20 | 6x2 =12 | 6x4=24 | 4x6=24 | 80 | 100 |

Mathematics – Class XII

QUESTION –WISE BREAK –UP

| Type of Question | Mark per Question | Total No. of Questions | Total Marks |
|------------------|-------------------|------------------------|-------------|
| VSA | 1 | 20 | 20 |
| SA | 2 | 6 | 12 |
| LA I | 4 | 6 | 24 |
| LA II | 6 | 4 | 24 |
| Total | | 36 | 80 |

1. No chapter wise weightage. Care to be taken to cover all the subjects.
2. Suitable internal variations may be made for generating various templates keeping the overall weightage to different form of questions and typology of questions same.

Choice (s):

There will be no overall choice in the question paper.
However, 33% internal choices will be given.

| INTERNAL ASSESSMENT | 20 MARKS |
|--|----------|
| Periodic Tests (Best 2 out of 3 tests conducted) | 10 Marks |
| Mathematics Activities | 10 Marks |

Assessment of Activity Work :

The weightage are as under:

- The activities performed by the student through out the year and record keeping : 5 marks
- Assessment of the activity performed during the year end test : 3 marks
- Viva - voce : 2 marks

BIOLOGY (Code No. 044)
QUESTION PAPER DESIGN Class – XII (2019-20)

1) Board Examination – Theory

Time: 3 Hours

Max. Marks: 70

| S. No. | Typology of Questions | Very Short Answer (VSA) (2 Marks) | Short Answer-I (SA-I) 2 Marks | Short Answer-II (SA-II) (3 marks) | Long Answer (LA) (5 marks) | Total Marks | % Weightage |
|--------|---|-----------------------------------|-------------------------------|-----------------------------------|----------------------------|---------------|-------------|
| 1. | Remembering- (Knowledge based) Simple recall questions, to know specific facts, terms, concepts, principles, or theories, Identify, define, or recite, information) | 2 | 1 | 1 | - | 7 | 10% |
| 2. | Understanding- (Comprehension - To be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information) | - | 2 | 4 | 1 | 21 | 30% |
| 3. | Application (Use abstract information in concrete situation, to apply knowledge to new situations, Use given content to interpret a situation, provide an example, or solve a problem) | - | 2 | 4 | 1 | 21 | 30% |
| 4. | Evaluating & Analysis - Classify, Compare, Contrast, or differentiate between different pieces of information, Organize and/or integrate unique pieces of information from a variety of sources) | 2 | 1 | 1 | 1 | 12 | 17% |
| 5. | Creating - (Appraise, judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values) | 1 | 1 | 2 | - | 9 | 13% |
| | TOTAL | 5x1=5 | 7x2=14 | 12x3=36 | 3x5=15 | 70(27) | 100% |

2) Practical : 30 marks; Duration ; 3 hours

PRACTICALS

Time allowed: 3 Hours

Max. Marks: 30

| Evaluation Scheme | | |
|------------------------------|---|----|
| One Major Experiment | | 5 |
| One Minor Experiment | | 4 |
| Slide Preparation | | 5 |
| Spotting | | 7 |
| Practical Record + Viva Voce | Credit to the students' work over the academic session may be given | 4 |
| Project Record + Viva Voce | | 5 |
| Total | | 30 |