

**2017**

Full Marks : 70

Time : As in the programme

*The figures in the right-hand margin indicate marks.  
Answer questions from appropriate Method in each  
section as directed therein.*

**Answer any three questions from Section-A  
(12×3=36), Word limit-700-1000**

**Answer any three questions from Section-B  
(8×3=24), Word limit-500**

**Answer any two questions from Section-C  
(5×2=10), Word limit-300**

**(GEOGRAPHY)**

**SECTION-A**

Answer any three. 12×3=36

1. Discuss the aims and objectives of teaching 'Geography' at the secondary stage.
2. What are the different methods of teaching Geography? Discuss the importance of discussion method in teaching Geography.

*[Turn over]*

[ 2 ]

3. What is lesson plan? Prepare a lesson plan on any topic of Geography for class X.
4. What do you mean by audio-visual aids? Discuss the importance of audio-visual aids in teaching Geography.
5. What do you mean by 'Co curricular activities'? Discuss the importance of Museum and exhibition in teaching Geography.

#### SECTION-B

Answer any **three**.

8×3=24

6. Discuss the meaning and scope of Geography.
7. Discuss the advantages and limitations of project method of teaching Geography.
8. Discuss the importance of maps and film strips in teaching Geography.
9. What do you mean by text book? What are the characteristics of a good text book in Geography?
10. What is evaluation? How is it different from measurement?

[ 3 ]

**SECTION-C**

Answer any two.

5×2=10

11. Discuss the importance of reference materials in teaching Geography.
12. Do you feel that co-curricular activities are an integral part of curriculum? Discuss.
13. Discuss the importance of museum in teaching Geography.
14. Write 5 objective type questions on Geography.



[ 4 ]

**(SCIENCE)**

**SECTION-A**

Answer any **three**.

12×3=36

1. What do you mean by organisation of the content? Discuss with examples the disciplinary approach.
2. Discuss the advantages and disadvantages of Lecture-cum-discussion method in teaching science. What are the situation where this method can be successfully adopted?
3. What is the importance of a daily lesson plan? Prepare a lesson plan on a topic of choice from secondary science syllabus.
4. What is the difference between evaluation and examination? Discuss the steps for constructions an achievement test in general science.
5. What activities can you organise inside and outside the school as aids to science teaching. Discuss how to organise one such activity.

**SECTION-B**

Answer any **three**.

8×3=24

6. What is curriculum? Discuss the principles of curriculum construction in science.

[ 4 ]

**(SCIENCE)**

**SECTION-A**

Answer any **three**.

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5. What activities can you organise inside and outside the school as aids to science teaching. Discuss how to organise one such activity.

**SECTION-B**

Answer any **three**.

8×3=24

6. What is curriculum? Discuss the principles of curriculum construction in science.

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7. Discuss the importance and limitations of observation method in teaching science. State five situations where this method can be adopted.
8. What do you mean by instructional objectives? Frame three behavioural objectives on a topic of your choice in science at the secondary stage.
9. What is unit plan? Why is it necessary for a teacher?
10. Differentiate between science club and science laboratory. Discuss the activities of science club.

#### SECTION-C

Answer any two.

5×2=10

11. "Science is a systematic body of knowledge and the process of acquiring it"— Explain.
12. Explain different approaches to problem solving.
13. Discuss briefly the essential features of a unit plan and outline its proforma.
14. Give five examples of objectives-based and objectives type items the objectives measured by each item.



[ 6 ]

(ENGLISH)

SECTION-A

Answer any **three**.

12×3=36

1. Discuss the objectives of teaching English both at elementary and secondary level.
2. What are the essential features of the structural approach? Discuss the characteristics & limitations of structural approach.
3. Differentiate between guided composition and free composition. Illustrate your answer with examples.
4. Describe the procedure and steps of teaching poetry. Indicate its advantages.
5. Discuss the importance of formulation of objectives and discuss the techniques of evaluation.

SECTION-B

Answer any **three**.

8×3=24

6. Indicate the objectives of teaching English in our secondary school.
7. What are the principles of bilingual method of teaching English?

8. What are the different types of writing script? How will you bring about improvement in the handwriting of your pupils?
9. Distinguish between formal and functional grammar. How will you teach grammar?
10. Briefly discuss the importance of evaluation in English and write the characteristics of a good test.

**SECTION-C**

Answer any two. 5×2=10

11. What are the essentials of good writing?
12. Which points are useful for organising a reading programme?
13. What are the characteristics of a good text book in English?
14. How will you measure your pupil's achievement in reading and writing?



(MATHEMATICS)

SECTION-A

Answer any **three**.

$12 \times 3 = 36$

1. Discuss the educational values of Mathematics with special reference to its importance in life.
2. State objectives of Analytic and Synthetic method of teaching mathematics and discuss these methods with suitable example.
3. Discuss various graphic and projective teaching aids used in teaching mathematics.
4. What are the characteristics of a model text-book? How will you evaluate a textbook of mathematics in terms of its effectiveness?
5. Discuss the causes of backwardness in mathematics and their remedies.

SECTION-B

Answer any **three**.

$8 \times 3 = 24$

6. Discuss the problems of teaching mathematics at the school stage. As a mathematics teacher what will be your role to solve them?

[9]

7. Discuss the procedure of the formulation of objectives of teaching mathematics.
8. Discuss Lecture method in teaching mathematics with suitable examples.
9. Define lesson plan. Explain its relationship with scheme of lesson in mathematics.
10. What are the characteristics of gifted children? What measures would you adopt to help them?

#### SECTION-C

Answer any two.

5×2=10

11. Explain the nature of mathematics.
12. What type of aid a blackboard is? Discuss its use in the teaching of mathematics.
13. Give a comparative analysis of inductive and deductive method in teaching mathematics.
14. What improvement would you suggest in mathematics text book?

[ 10 ]

**(HISTORY)**

**SECTION-A**

Answer any **three**.

12×3=36

1. Discuss the meaning, nature and scope of History.
2. What is the difference between aims and objectives? Discuss the objectives of teaching history at the secondary level.
3. What are the different methods of teaching history? Discuss the importance of project method of teaching history.
4. Discuss Biographical method of arrangement of content in history. What are the merits of this method?
5. Developing international understanding among students is an important aim of teaching history— Discuss.

**SECTION-B**

Answer any **three**.

8×3=24

6. There is any one history-the history of man'— Discuss.



7. Discuss the importance of regressive approach in organisation of context in history.
8. What is dramatization method of teaching history? At what state the method is appropriate?
9. Discuss the role of history in developing critical thinking among students.
10. What is evaluation in History? Why is it important for the students?

### SECTION-C

Answer any two.

5×2=10

11. 'History is both a science and an art'— Discuss.
12. 'History is called the queen of social science'— Discuss.
13. What do you mean by objectives type tests? What are the merits of this type of test?
14. Write a note on importance of teachers guide books.

[ 12 ]

(ODIA)

SECTION-A

Answer any three :

12×3=36

1. ମାନବଜୀବନ ଓ ଶିକ୍ଷାରେ ମାତୃଭାଷାର ଗୁରୁତ୍ୱ ଆଲୋଚନା କର ।
2. ଓଡ଼ିଆ ଭାଷାରେ ବ୍ୟାକରଣ ଶିକ୍ଷାଦାନର ଆବଶ୍ୟକତା ଓ ଗୁରୁତ୍ୱ ଆଲୋଚନା କର ।
3. ମାଧ୍ୟମିକ ପ୍ରଭରେ ଓଡ଼ିଆ ପଦ୍ୟ ଶିକ୍ଷାଦାନର ଉଦ୍ଦେଶ୍ୟ ଓ ପ୍ରଣାଳୀ ବର୍ଣ୍ଣନା କର ।
4. ମାତୃଭାଷା ଶିକ୍ଷାଦାନରେ ଆଧୁନିକ ପଦ୍ଧତିର ଗୁରୁତ୍ୱ ଓ ଆବଶ୍ୟକତା ଆଲୋଚନା କର ।
5. ଦରକର୍ମ ପଦ୍ଧତି କାହାକୁ କହନ୍ତି ? ଏହି ପଦ୍ଧତିର ଆବଶ୍ୟକତା ସମ୍ବନ୍ଧରେ ବର୍ଣ୍ଣନା କର ।

SECTION-B

Answer any three :

8×3=24

6. କଥିତ ଓ ଲିଖିତ ଭାଷା ମଧ୍ୟରେ ଥିବା ପାର୍ଥକ୍ୟ ଉଦାହରଣ ସହ ବୁଝାଅ ।
7. ମାଧ୍ୟମିକ ପ୍ରଭରେ ଓଡ଼ିଆ ଗଦ୍ୟ ଶିକ୍ଷାଦାନର ଲକ୍ଷ୍ୟ ଓ ଉଦ୍ଦେଶ୍ୟ ଉଲ୍ଲେଖ କର ।
8. ମାତୃଭାଷା ଶିକ୍ଷାଦାନରେ କ୍ରୀଡ଼ା ପଦ୍ଧତିର ବ୍ୟବହାର କିପରି କରାଯିବ, ଆଲୋଚନା କର ।

DDCE-II-S-CBCS-MA(Edn)-V-

(Method-Geog/Sc./Eng/Math/Hist/Odia) R&B

40

9. ପ୍ରଚଳିତ ମୂଲ୍ୟାୟନ ପଦ୍ଧତିର ଦୋଷକୁଟିପୁଡ଼ିକ ଦର୍ଶାଅ ।
10. ସାମ୍ପ୍ରତିକ ଶିକ୍ଷା ପଦ୍ଧତିରେ ଶୈକ୍ଷିକ ଚିତ୍ରବାଣୀର ଭୂମିକା ଉପରେ ଆଲୋଚନା କର ।

**SECTION-C**

Answer any two :

5×2=10

11. ବ୍ୟାକରଣ ଶିକ୍ଷାର ପ୍ରୟୋଜନୀୟତା
12. ଅଭିନୟ ପଦ୍ଧତି
13. ପାରିପାଶ୍ଵିକ ପରିବେଷଣା ଓ ସୂଚନା ଶକ୍ତି
14. ମୂଲ୍ୟାୟନର ଉପାଦେୟତା



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**(8×3=24), Word Limit-500**

**Answer any two questions from Section-B**  
**(5×2=10), Word Limit-300**

**SECTION-A**

(Answer any three) 12×3=36

1. Define instructional technology. Differentiate between educational technology and instructional technology.
2. Discuss the various components of instructional system and state its significance.
3. How can we use the computer in increasing the effectiveness of instruction?

[Turn over]

[2]

4. Discuss the meaning, nature and scope of microteaching.
5. What is teleconferencing? Describe its planning and functioning.

### SECTION-B

(Answer any three)  $8 \times 3 = 24$

6. Discuss the nature and scope of educational technology.
7. What is teaching? Discuss with examples memory levels of teaching.
8. Discuss the basic principles and values of teaching machines.
9. Discuss the chief characteristics of teaching behaviour.
10. Discuss the objectives and purposes of task analysis.

[3]

**SECTION-C**

(Answer any two)

5×2=10

11. Explain the salient features of classroom communication.
12. State the fundamental elements of a teaching model.
13. What are the main limitations of Computer Assisted Instruction?
14. Discuss the use of Educational technology by IGNOU for the improvement of teaching learning.



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(8×3=24), Word Limit-500

Answer any two questions from Section-B  
(5×2=10), Word Limit-300

**SECTION-A**

(Answer any three) 12×3=36

1. Explain different methods of acquiring scientific knowledge.
2. Describe the criteria and sources for identifying the problem.
3. Explain the essential characteristics of experimental research.

[Turn over]

[ 2 ]

4. Define a rating scale. Describe various types of rating scales.
5. Describe the procedures in the organisation of quantitative data.

### SECTION-B

(Answer any three)  $8 \times 3 = 24$

6. Define 'basic' and 'action' research. Describe the distinctive features of basic and action research.
7. Describe different types of qualitative research. Explain the advantages and limitations of qualitative research.
8. Describe various types of experimental design.
9. Describe the procedure which the researcher should adopt in organizing the related literature in a systematic manner.
10. Describe various types of reliability.

[ 3 ]

**SECTION-C**

(Answer any two)

5×2=10

11. Describe the uses of a schedule and a check-list.
12. Explain the steps in content analysis.
13. Describe briefly the limitations of statistical methods.
14. Describe the basic assumptions of analysis of co-variance.



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**Answer any three questions from Section-B**

**(8×3=24), Word Limit-500**

**Answer any two questions from Section-B**

**(5×2=10), Word Limit-300**

**SECTION-A**

(Answer any **three**) 12×3=36

1. Discuss the nature and scope of Educational Administration.
2. Define Educational Administration. Discuss its functions.
3. Discuss the functions of Educational Administration at the central level.
4. Define Educational Supervision. Discuss the aims and principles of Educational Supervision.

*[Turn over]*

- DDCE-II-S-CBCS-MA(Edn)-VIII-(EP&M)R&B (43)
- [2]
5. Discuss the need and importance of Educational Planning.

**SECTION-B**

(Answer any three)  $8 \times 3 = 24$

6. Discuss the evolution of the concept of management in education.
7. Discuss the functions of UGC for qualitative improvement of higher education in India.
8. Discuss the different techniques of supervision.
9. Discuss the meaning of grant-in-aid system.
10. What is educational finance? Discuss the sources of income for financing at the central level in India.

**SECTION-C**

(Answer any two)  $5 \times 2 = 10$

11. Write a note on Educational administration at the state level.
12. Discuss the functions of SCERT of Odisha.
13. Discuss the merits of educational administration at the local level.
14. Write a note on human relations in educational supervision.

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**(8×3=24), Word Limit-500**

**Answer any two questions from Section-B**

**(5×2=10), Word Limit-300**

**SECTION-A**

(Answer any three) 12×3=36

1. Define Comparative Education. Discuss the need and scope of comparative education.
2. Discuss the factors affecting national system of education.

[Turn over]



[ 2 ]

3. Define Secondary Education. What are the recommendations of Indian Education Commission (1964-66) in regards to the aims and objectives of secondary education in India?
4. Compare the pattern of distance education and continuing education of UK with India.
5. Make a comparative study of the developments of environmental education with special reference to USA and India.

#### SECTION-B

(Answer any three)  $8 \times 3 = 24$

6. Discuss the purpose of comparative education.
7. Explain the cross disciplinary approach to comparative education.
8. Discuss the important features of vocational education of UK.
9. Compare the educational administration of India with USA.
10. Compare the population Education of UK with India.

[ 3 ]

**SECTION-C**

(Answer any two)

5×2=10

Write short notes on:

11. Basic factors in the study of comparative education.
  12. Vocational education in USA.
  13. Higher education in India and UK.
  14. Recommendations of Indian Education Commission regarding the improvement in teacher education.
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