KK HANDIQUI STATE OPEN UNIVERSITY

M. Phil / Ph. D. Entrance Examination, 2021

Subject : Assamese

Time : 1½ hrs. Marks : 50

১। যিকোনো দুটা প্রশ্নৰ উত্তৰ লিখক (প্রতিটো ২০০ টা শব্দৰ ভিতৰত) ১৫×২=৩০

(ক) 'অসমীয়া সংস্কৃতি সমন্বয়ৰ সংস্কৃতি' - কেনেকৈ ? এই বিষয়ে এটি আলোচনা আগবঢ়াওক।

(খ) অসমীয়া ভাষাৰ শব্দ ভাণ্ডাৰলৈ আৰ্য-ভিন্ন ভাষাৰ অৱদান সম্পৰ্কে আলোকপাত কৰক।

(গ) দৈনন্দিন জীৱনত অসমীয়া ভাষাৰ ভুল প্ৰয়োগ সম্পৰ্কে বিশ্লেষণ আগবঢ়াওক।

২। যিকোনো দুটা প্রশ্নৰ উত্তৰ লিখক (প্রতিটো ১৫০ টা শব্দৰ ভিতৰত) ১০×২=২০

(ক) আধুনিক অসমীয়া সাহিত্যলৈ লক্ষ্মীনাথ বেজবৰুৱাৰ অৱদান সম্পৰ্কে বহলাই আলোচনা কৰক।

(খ) "অনুবাদ আৰু গোলোকীয় গাঁও" - এই সম্পৰ্কে চমুকৈ আলোচনা এটি আগবঢ়াওক।

(গ) "ধৰ্ম চৰ্চা তথা শিল্প-চৰ্চাৰ কেন্দ্ৰ হিচাপে নামঘৰ ভূমিকা অসীম" - কথাষাৰৰ যুক্তিযুক্ততা বিশ্লেষণ কৰি অসমীয়া সমাজ জীৱনত নামঘৰৰ ভূমিকা সম্পৰ্কে আলোকপাত কৰক।

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : English

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 15 X 2 = 30

(a) Write in detail about the Western Philosophical Tradition and its influence on Literary Studies.

(b) Provide a discussion of the major premises of 20th century literary criticism and state their importance in academic research

(c) Discuss in detail 'the linguistic turn' during early 20th century that changed our ways of interpreting literary texts.

2. Answer **any two** questions from the following (Answer within 150 words each) 10 X 2 = 20

(a) Discuss some of the latest trends in world literature.

(b) What is meant by Life Writing? Do you think that Life Writing is an important area for Research?

(c) Explain the ways Plato engages himself with the discussions of poetry and poetic inspiration in his famous dialogue *Republic* (Book X).

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Management

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 2 X 15 = 30

i) Give an account of major factors to be considered white analyzing internal and external environment of a corporate enterprise. 15

ii) (a) Describe Maslow's Hierarchy of Needs Theory 8

(b) Describe Theory Y 7

iii) (a) "Planning is a mere ritual in a fast changing business environment" – with reference to this statement, outline the major limitations of planning. 7

(b) What measures would make planning effective? Discuss. 8

2. Answer **any two** questions from the following. (Answer within 150 words each) 2 X 10 = 20

i) Compare the works of F.W. Toylor and Henri Fayol. 10

ii) (a) Comment briefly on the main functions performed at various levels of management. 5

(b) Is lower level of management less significant as compared with its upper level counterparts? Comment. 5

iii) "Choice of a suitable form of organization depends on balancing of various considerations." – Discuss. 10

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Political Science

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 15 X 2 = 30

(a) State the meaning of political theory. Explain the nature and scope of political theory.

(b) State the meaning of power. Explain the kinds of power.

(c) Explain the theory of social contract given by Hobbes, Locke and Rousseau.

2. Answer **any two** questions from the following (Answer within 150 words each) 10 X 2 = 20

(a) Critically examine the relevance of the Directive Principles of State Policy in India today.

(b) Discuss the concept of Development Administration.

(c) Critically examine the issue of regionalism in Indian politics.

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Education

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 15 X 2 = 30

   (a) What is Reflective Learning? How does Reflective learning help the learners to reap the benefits of learning? Discuss.

   (b) What is blended learning? Discuss the need and importance of blended form of learning in the present industrial era.

   (c) Explain the relevance of Open and Distance Learning in today's world.

2. Answer **any two** questions from the following (Answer within 150 words each) 10 X 2 = 20

   (a) How can education bring social constructivism? Explain it briefly.

   (b) State the needs of MOOCs in the present day education system.

   (c) Explain briefly the importance of using ICT for improving education system in our locality.

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Economics

Time : 1½ hrs. Marks : 50

1. Answer **any two** from the following : 2 X 10 = 20

(a) What is meant by Welfare Economics? Explain the three marginal conditions for the attainment of Pareto efficient situations.

(b) Given the total cost function. 3+3+4=10

$$C=10000+100q-10q^2+\frac{1}{3}q^3$$

find - (i) the marginal cost function

(ii) the slope of the marginal cost function.

(iii) output at which marginal cost is equal to average variable cost

(c) Distinguish between autonomous investment and induced investment. Discuss the factors which govern the inducement to investment. 4+6=10

2. Answer **any two** from the following: 2 X 15 = 30

(a) Give the definition of null hypothesis. What are the main contents of a research proposal?

(b) Explain the three key dimension of Human Development Index. Explore the main causes of poor performance of India in the ranking of HDI.

(c) Find Karl Pearson Correlation Coefficient from the following information.

X : 2 3 5 5 6 8

Y : 9 8 8 6 5 3

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Computer Science

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer in around 200 words each): 2 X 15 =30

   a) Define inter-process communication. Why do we need inter-process communication? What is race condition and mutual exclusion? 4+5+6= 15

   b) Why frequency modulation is superior to amplitude modulation? Give comparative study between encoding and modulation?

   c) Write insertion sort algorithm. Write the steps to sort the following list of numbers using insertion sort technique:

   82, 42, 49, 8, 92, 25, 59, 52

2. Answer **any two** questions from the following (Answer in around 150 words each) 10 X 2 = 20

   a) Develop a truth table for a 3-input AND gate. What is the only set of input conditions that will produce a Low input for an OR gate ? Draw the graphic symbol of NOR and XOR gates.
   Represent $Y = (\overline{A + B}) + C.D + (E.\overline{F})$ using logic gates. 2+1+2+5=10

   b) What are registers ? Mention the name of five commonly used registers and briefly describe the functions of each these registers.

   c) Write a C++ program defining a class Distance with two members: feet, inches. The program should have two constructors:
      i) Single parameter : accept argument in inches and convert to feet and inches.
      ii) Two parameters : accept feet and inches value.

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Journalism and Mass Communication

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 10 X 2 = 20

   (a) Explain the role played by the Indian press in Indian nationalism

   (b) Briefly analyze the concept of 'Freedom of Press'. Is there any need to put restraint on the freedom of the press? Justify your answer with the help of examples.

   (c) 'Public Relations play a crucial role in building up the image of an organisation' – Explain.

2. Answer **any two** questions from the following (Answer within 150 words each) 15 X 2 = 30

   (a) Analysis the importance of ethics in the field of photo journalism

   (b) How has the community radio scenario in India evolved over the past few years?

   (c) What are the statutory and the non-statutory functions of the Registrar of Newspapers for India?

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : History

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 15 X 2 = 30

(a) Discuss the "subaltern theory" and the ways in which it enriches the study of Indian History.

(b) How has the historiography of regionalism in Assam developed since colonial era till the present day?

(c) J.B. Bury said, 'History is a science; no less, and no more.' Present your analysis of the above statement.

2. Answer **any two** questions from the following (Answer within 150 words each) 10 X 2 = 20

(a) How would you use oral sources in your research work? What are the challenges of using such sources?

(b) Explain your understanding of the feudal system in India over the ages?

(c) To what extent did the Reformation movement in India bring changes in the society. Explain.

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Philosophy

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 15 X 2 = 30

   (a) Explain in brief the scope of Philosophy.

   (b) What are the characteristics of Indian Philosophy? Write in brief.

   (c) Is Indian Philosophy essentially spiritual? Answer.

2. Answer **any two** questions from the following (Answer within 150 words each) 10 X 2 = 20

   (a) Is rationalism a satisfactory theory in case of the origin of knowledge? Write in brief

   (b) What is language-games? Write in brief.

   (c) What is logic? Explain in brief the utility of studying Logic.

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M. Phil / Ph. D. Entrance Examination, 2021

Subject : Social Work/Sociology

Time : 1½ hrs. Marks : 50

1. Answer **any two** questions from the following (Answer within 200 words each) 15 X 2 = 30

(a) Elucidate the forms of social stratification in India. What is your opinion on positive and negative discrimination as a result of 'reservation' in India?

(b) Discuss the issues and concerns raised in the recent Farmers' protest in India.

(c) Discuss the importance of ethics in social science research.

(d) How is Community Organization different from Social Action as methods of social work ? Give examples.

2. Answer **any two** questions from the following (Answer within 150 words each) 10 X 2 = 20

a) What is occupational hazard and occupational stress? Discuss the role of social worker and welfare officer at the workplace.

b) Critically discuss the issue of commercialization of Higher Education in India

c) 'Gender is a Social Construct'. Elaborate the statement.

d) What are 'social institutions'? Explain with examples how do they act as agencies of social control. 6+4

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