ZàÎÀà-2. tÑàyàªàÊãu kv §ý màqtàÂà §ý ÕàâmK âwmÊ½à §ýL Íuà©uà §ýLâk¥ ñ

Describe the horizontal distribution of temperature of oceanic water.

**OR**

tÑàyàªàÊãu mÊªàà §ýL Íuà©uà §ýLâk¥ ñ

Describe the ocean waves.

ZàÎÀà-3. yàªàÊãu s-kw Êyàuâà§ý j§ý §ýL Íuà©uà §ýLâk¥ ñ

Describe the bio geochemical cycle of oceans.

**OR**

tÑàyàªàÊãu qvâk§ý quàwÊ½à §ýà w½àÂà §ýLâk¥ ñ

Describe the pelagic environmental of oceans.

ZàÎÀà-4. Zàwàv âsâÙà §ý Zà§ýàÊà §ýà w½àÂà §ýLâk¥ ñ

Describe the types of coral reefs.

**OR**

tÑàyàªàÊãu âÂàÕàqà §ýL Íuà©uà §ýLâk¥ ñ

Describe the marine deposits.

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**Roll No.....** **Total No. of Section : 03**

**Total No. of Printed Pages : 04**

**Code No. : 03/112(B)**

# Third Semester Examination, Dec. - 2017

## M.A. GEOGRAPHY

## Paper - I

## OCEANOGRAPHY

**Time : 3 Hrs.** **Max.Marks : 80**

¹àq ß h½»à'¡'t Ày ¡âm vi ÙàÊã ZàÎÀà Ñ, âkÂÑ Ñv §ýÊÂàà ¡âÂàwàu Ññ h½»à 'r' t jàÊ vi ÙàÊã mnà ¡àmáÊ§ý âw§ýÌquQý ZàÎÀà Ñ ñ h½»à 'y' t jàÊ Àã i£ÙàÊã ZàÎÀà Ñ, âkÀàt y Zà¾u§ý t ¡àmáÊ§ý âw§ýÌq Ñ ñ h½»à'¡' §ýà yry qÑv Ñv §ýÊ ñ

Note : Section 'A', consists of 10 very short answer type questions, all of which are compulsory and should be attempted first. Section 'B' consists of four short answer type questions with internal options. Section 'C' consists of four long answer type questions with internal choice.

### h½»à-'¡'(Section-'A')

**âÂàÈÂàâvâhm ¡âmvi ÙàÊã ZàÎÂàà §ý £ÙàÊ ¥§ý uà Àà wà¨uà t À ñ (Answer the following very short-answer-type questions in one or two sentences)** **(2x10=20)**

ZàÎÀà-1. Ðnvt»v ¡àÊ kvt»v §ýà ¨uà ¡àÎàu Ñ?

What do you mean by Lithosphere and Hydrosphere?

ZàÎÀà-2. tÑàõãqàu âÂàtªÀà m¹ §ýà qáÊsàâxm §ýLâk¥ ñ

Define continental shelf.

ZàÎÀà-3. tÑàyàªàÊãu kv §ýL vw½àmà ¨uà Ñ?

What is salinity of oceanic water?

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ZàÎÂà-4. yÂààtã ¨uà Ñ?

What is Tsunami?

ZàÎÂà-5. Âv¨¹Âà kãw §ýL Àà âwÎàxmàu âvâh¥ ñ

Write two characteristics of Plankton organism.

ZàÎÂà-6. tÑàyàªàÊãu quàwÊ½à ¨uà Ñ?

What is oceanic environment?

ZàÎÂà-7. tÑàyàªàÊãu hàù yyàoÂà y ¡àq ¨uà ytlm Ñ?

What do you understand by food resources of oceans?

ZàÎÂà-8. tÑàyàªàÊãu ªàm §ýà ¨uà ¡àÎàu Ñ?

What is the meaning of ocean deep?

ZàÎÂà-9. tÑàyàªàÊãu âÂàÕàq âSýy §ýÑm Ñ?

What is meant by oceanic deposit?

ZàÎÂà-10. ¥¹àÌy §ýà qáÊsàâxm §ýLâk¥ ñ

Define Atols.

## h½»-'r' (Section-'B')

**âÂàÈÂàà¹â§ým vi £ÙàÊãu ZàÎÂàà §ý £ÙàÊ 200-250 ÎàÈÀ yãtà t À ß (Answer the following short-answer-type questions with word limit 200-250) (5x4=20)**

ZàÎÂà-1. ytô âwÖààÂà §ýL âwxu-wÐm qÊ Zà§ýàÎà »àâv¥ ñ

Throw light on subject matter of oceanography.

**OR**

¡o tÑàyàªàÊ §ý âÂàmv §ýL yâjØà Íuà©uà §ýLâk¥ ñ

Draw and discuss the bottom relief of Atlantic ocean.



ZàÎÂà-2. tÑàyàªàÊãu vw½àmà §ýà ZàSàâwm §ýÊÂà wàv §ýàÊ§ýà §ýà w½àÂà §ýLâk¥ ñ

Describe the factors affecting the salinity of the ocean.

**OR**

ZàÎààm tÑàyàªàÊ §ýL oàÊà ¡à qÊ Zà§ýàÎà »àâv¥ ñ

Throw lights on currents of Atlantic ocean.

ZàÎÂà-3. kw §ýâ¹ro qÊ â¹Âq½àâ âvâh¥ ñ

Write a note on Biozones.

**OR**

tÑàyàªàÊãu hâÂàk yyàoÂà qÊ Zà§ýàÎà »àâv¥ ñ

Throw light on mineral resources of oceans.

ZàÎÂà-4. tÑàyàªàÊãu âwâÎà¯ ¡àân§ý qÊ â¹Âq½àâ âvâh¥ ñ

Write a note on exclusive econimic zone of oceans.

**OR**

tàÂàw §ýà tÑàyàªàÊãu quàwÊ½à qÊ ZàSàw §ýà Ðq¯ §ýLâk¥ ñ

Clarify the impact of human on marine environment.

## h½»-'y' (Section-'C')

**âÂàÈÂàà¹â§ým Àãi £ÙàÊãu ZàÎÂàà §ý £ÙàÊ 400-450 ÎàÈÀ yãtà t À ß (Answer the following long-answer-type questions with word limit 400-450) (10x4=40)**

ZàÎÂà-1. q¿wã qÊ kv nv §ý âwmÊ½à §ýà âwwÊ½à Àãâk¥ ñ

Write the distribution of land and water on the earth.

**OR**

tÑàyàªàÊãu âÂàmv §ý £°jàwj §ýL yâjØà w½àÂà §ýLâk¥ ñ

Describe diagramatically the oceanic bottom relief.