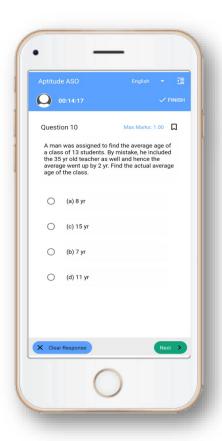# Exam- Mock Test, PYQS , Note, E-Books
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EXAMINATION FOR THE RECRUITMENT OF ASOs 2021
THE HIGH COURT OF ORISSA
SUBJECT : ENGLISH

Full Mark : 100   **Duration : 2 Hours**

Answer All The Questions

1. Write an essay on any **one** of the topic given below :   20

    (a) Surrogacy and the ethical dilemma

    (b) COVID 19 and economic challenges before India

    (c) Social Networks and the security threats

2. Write a précis of the given paragraph [within 100 words] :   15

    The basic core of evolution – survival and reproduction has been proven over and over through our various behavioral patterns. Let's retrograde and explore what are some exciting concepts that have been performed by humans before us and how did it occur. Almost every organism has the tendency to react to certain stimuli for survival. This reaction to each and every situation has an evolutionary basis of adaptation. The study of human emotions dates back to the 19th century and psychologists have since then discovered many reasons for every emotion, yet these are just theories. The arousal of emotions and their assumed structures is said to occur due to repeated encounters with a situation followed by the adaptation of the encounter. Human emotions have been linked to adaptively regulate emotion-gathering mechanisms. The emotion of fear which is associated with ancient parts of the brain has presumably evolved among our pre-mammal ancestors while the emotion of a mother's love called the 'filial emotion' has seen to evolve among early mammals. Various emotions work as manipulative strategies that favour survival. Feigning emotions by an accused person may help him be saved from the punishment. An exaggerated display of anger

is also associated with manipulating or threatening someone. Despite there being several emotions for various events, ironically the most interesting emotion is the emotion of disgust. Disgust is aroused when the body senses a danger to the immunity or the physiology of the human. The disgusted memory is associated with alerting the brain of a potentially dangerous substance. A few studies have shown that the encoding triggered in adaptive memory for problems is stronger than any other behaviour. This makes us instantly have a disgusted expression at the sight of something that makes us uncomfortable or uneasy. These expressions are also closely linked to self-protective communication.

3. Translate the passage to English : **25**

ଭାରତ ଇତିହାସର ପ୍ରାକ୍ କାଳରେ ଖାରବେଳ ନିଃସନ୍ଦେହରେ ଜଣେ ମହାନ୍ ଯୋଦ୍ଧା ଏବଂ ସାମ୍ରାଜ୍ୟ ନିର୍ମାତା ଥିଲେ ।

ଏହି ପରିପ୍ରେକ୍ଷିରେ ତାଙ୍କୁ ମହାପଦ୍ମନନ୍ଦ, ଚନ୍ଦ୍ରଗୁପ୍ତ ମୌର୍ଯ୍ୟ, ଅଶୋକ ଏବଂ ସମୁଦ୍ରଗୁପ୍ତଙ୍କ ସହ ତୁଳନା କରାଯାଇପାରେ । ସେ ମହାନ୍ ସାମରିକ ଧୀଶକ୍ତି ସମ୍ପନ୍ନ ଥିଲେ । ତାଙ୍କ ଅଧୀନରେ ଥିଲା ଏକ ବିଶାଳ ସେନାବାହିନୀ ଯାହାକି ଗଜଶକ୍ତି, ଅଶ୍ୱାରୋହୀ ବାହିନୀ, ପଦାତିକ ବାହିନୀ ଏବଂ ରଥସମୂହ ନେଇ ଗଠିତ ହୋଇଥିଲା । ତାଙ୍କର ରାଜନୈତିକ ପ୍ରଭାବ ଉତ୍ତରରେ ସୁଦୂର ମଥୁରା ପର୍ଯ୍ୟନ୍ତ ଏବଂ ଦକ୍ଷିଣରେ ପାଣ୍ଡ୍ୟ ରାଜ୍ୟ ପର୍ଯ୍ୟନ୍ତ ବିସ୍ତୃତ ଥିଲା । ବିଜୟ ଯେତେ ଚିତ୍ତାକର୍ଷକ ହେଲେ ମଧ୍ୟ କ୍ଷଣସ୍ଥାୟୀ ଅଟେ । ଇତିହାସରେ ଖାରବେଳଙ୍କ ମହାନତା କେବଳ ବିଜୟ ଉପରେ ନୁହେଁ ବରଂ ତାହା ଅନେକ ସୁରକ୍ଷିତ ସ୍ଥାୟୀ ଭିତ୍ତିଭୂମି ଉପରେ ପର୍ଯ୍ୟବେଷିତ ଥିଲା । ଏକ ମହାନ୍ ବୀର ଏବଂ ଜୈନ ଧର୍ମର ପୃଷ୍ଠପୋଷକ ହିସାବରେ ଖାରବେଳଙ୍କୁ ମନେ ରଖାଯାଇଥାଏ । ହାତୀଗୁମ୍ଫା ଶିଲାଲେଖ ଜୈନ ସାଧୁମାନଙ୍କୁ ସ୍ତୁତି କରାଯାଇ ଆରମ୍ଭ ହୋଇଛି । ଏହି ଶିଲାଲେଖରେ ବୃକ୍ଷମଙ୍ଗଳ, ନନ୍ଦୀପଦ, ସ୍ୱସ୍ତିକ୍ ଏବଂ ବୃକ୍ଷଚୈତ୍ୟ ପରି ଜୈନ ସଙ୍କେତମାନଙ୍କର ବ୍ୟବହାର ତାଙ୍କର ଜୈନଧର୍ମ ପ୍ରଚାର ସମ୍ବନ୍ଧୀୟ ପ୍ରମାଣ ଦିଏ । ଯେଉଁ ଆଗ୍ରହରେ ସେ କଳିଙ୍ଗ ଜିନଙ୍କୁ ମଗଧରୁ ଆଣିଥିଲେ ତାହା ଏ କ୍ଷେତ୍ରରେ ଅନ୍ୟ ଏକ ପ୍ରମାଣ । କେତେକ ବିଦ୍ୱାନମାନେ ମତ ଦିଅନ୍ତି ଯେ ସେ ଜଣେ ଶ୍ୱେତାମ୍ବର ଜିନ ଥିଲେ । ତାଙ୍କର ମଥୁରାକୁ ଯାତ୍ରା ବିଷୟରେ କୁହାଯାଇଥାଏ ଯେ ଏହା ଏକ ଜୈନ ପ୍ରାଣକେନ୍ଦ୍ର ଥିଲା । ଯଦିଓ ସେ ଜଣେ ଜୈନ ଥିଲେ ଖାରବେଳ ଅନ୍ୟ ଧର୍ମ ବିଶ୍ୱାସୀ ଲୋକମାନେ ଯଥା-ଶ୍ରମଣ (ବୌଦ୍ଧ ସନ୍ୟାସୀ) ଏବଂ ବ୍ରାହ୍ମଣ ପ୍ରଭୃତିଙ୍କ ପ୍ରତି ସହନଶୀଳ ଥିଲେ ।

4. Re-Translate the given Paragraph to Odia :   20

In capital markets, both primary and secondary, only low levels of technology are in use. In primary markets the lack of computerization and communication facilities results in long delays in the finalization of subscription of new issues. The Bombay and National Stock Exchanges have recently adopted screen based trading. At the lower end of banking, that is, rural banking, many of these technologies may not have relevance except for the wealthy, at least for a decade or more. The problem in the bulk of our village communities is to generate money and make it available to workers, not merely for their subsistence but to carry out some economic activities of their own with small investments. Financial or lending systems for such poor rural folk could be patterned on the 'Grameen Bank Systems', successfully operated in Bangladesh. Rural telephone access either through RAX (Rural Exchanges) systems developed by C-DoT or through wireless in the loop systems will be useful in extending the range of operations.

5. Do as directed :   (20)

(i) Since he failed to pay his rent on time the landlord denied him <u>access to the premise</u>. [replace the underlined phrase if required to make it grammatically correct]

(a) access to premise

(b) to access the premise

(c) to access the premises
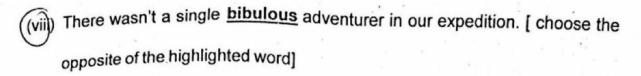
(d) access to the premises

(e) No correction required

(ii) Having lifted the heavy bag, <u>I suffered a severe pain in my hand.</u> [replace the underlined phrase if required to make it grammatically correct]

(a) suffered from a server pain

(b) was suffered a severe pain

(c) was suffering the severe pain

(d) suffered the severe pain

(e) No correction required

(iii) I prefer writing _____ ink. [fill the blank]

(a) with

(b) on

(c) in

(d) by

(iv) She often gets _____ her husband's nerves. [fill the blank]

(a) to

(b) up

(e) in

(d) on

(v) Which syllable is stressed in the word 'Ordinary' ?

(a) **or**dinary

(b) or**di**nary

(c) ordi**na**ry

(d) ordina**ry**

(vi) _____ is the most important aspect of style in a language.

(a) Alphabet

(b) Article

(c) Punctuation

(d) Noun

(vii) There was no <u>**altruistic**</u> motive that prompted him to help. [choose the opposite of the highlighted word]

(a) Wicked

(b) Brutal

(c) Inhuman

(d) Selfish

– 1/3

(viii) There wasn't a single **bibulous** adventurer in our expedition. [choose the opposite of the highlighted word]

(a) fearful

(b) cowardly

(c) sober

(d) unenergetic ✓

(ix) Whom does he look for ? [change the voice and choose the correct option]

(a) Whom he is looked after for ?

(b) Who is looked after for him ?

(c) Who is looked for by him ?

(d) Whom he looked after by ?

(x) Do you understand what I mean ? [change the voice and choose the correct option]

(a) What I mean is that understood by you ?

(b) Was what I mean understood by you ?

(c) Is what I mean understood by you ?

(d) What I mean is understood by you ?

(xi) "What about going for a swim" he said, "it's quite fine now." [choose the direct/ indirect expression]

(a) He asked me what about going for a swim as it was quite fine then.

(b) He proposed going for swim as it was quite fine.

(c) He suggested going for a swim as it was quite fine.

(d) He advised me to go for a swim as it was quite fine.

(xii) Rajan said,"O 'that I were a child again." [choose the direct/indirect expression]

    (a)   Rajan exclaimed with wonder that he was a child again.

    (b)   Rajan wondered that were he a child again.

    (c)   Rajan strongly wished that he had been a child again.

    (d)   Rajan prayed that he were a child again.

(xiii) Please, stop _____ so many mistakes. [fill the blank]

    (a)   to make   (b)   make

    (c)   making   (d)   makes

(xiv) I don't agree _____ your proposal. [fill the blank]

    (a)   with   (b)   for

    (c)   to   (d)   in

(xv) HAGGLE [choose the nearest synonym of the given word]

    (a)   Postpone   (b)   accept

    (c)   bargain   (d)   reject

(xvi) ABSTRUSE [choose the nearest synonym of the given word]

    (a)   awful   (b)   irrelevant

    (c)   shallow   (d)   profound

(xvii) The captain along with his team / are practicing very hard / for the / forth coming matches.[identify the error]

    (a)   the captain along with his team

    (b)   are practicing very hard

    (c)   for the

    (d)   forth coming matches

    (e)   no error

(xviii) Supposing if/ it rains / what shall/ we do. [identify the error]

   (a)   supposing if

   (b)   it rains

   (c)   what shall

   (d)   we do

   (e)   no error

(xix) I will go with you / as long as /I won't have to sing . [identify the error]

   (a)   I will go with you   (b)   as long as

   (c)   I won't have to sing   (d)   no error

(xx) I don't have a car / and I don't want / one as well. [identify the error]

   (a)   I don't have a car   (b)   and I don't want

   (c)   one as well   (d)   No error

RECRUITMENT OF ASOs 2021
THE HIGH COURT OF ORISSA
SUBJECT : MATHEMATICS

Full Mark : 100

Answer All The Questions.
(Each Question Carries Five Marks)

Duration : 2 Hours

1. There are 20 boys and 24 girls in Sec-A of class 9 and 24 boys and 20 girls in Sec-B. If one student from each section is taken randomly find the probability of :
   (a) Getting one boy and one girl
   (b) Getting at least one boy

2. The sum of three numbers is 68.If the ratio between first and second be 2 : 3 and that between second and third be 5 : 3, then find the second number.

3. After covering a distance of 30km with a uniform speed, the speed of the train is reduced to 4/5 of its original speed due to some defect, so the train reaches its destination late by 45 minutes. Had it happened after covering 18km more, the train would have reached 9 minutes earlier. Find the speed of the train and distance of the journey.

4. If the sum of 1st three term of a GP series is 28 and their product is 512 then find the 10th term.

5. As the price of petrol is increased by 10%, a person purchases 500ml less than his regular purchase. Find the original quantity of petrol he purchases.

6. A wizard having power of mystic in conditions and magical medicines seeing a cock, fight going on, spoke privately to both the owners of cocks. To one he said; if your bird wins, then you give me your stake money, but if you do not win, I shall give you two third of that. Going to the other, he promised in the same way to give three fourths. From both of them his gain would be only 12 gold coins. Find the stake of money each of the cock-owners have.

7. A hollow cone is cut by a plane by parallel to the base and the upper portion is removed. If the curved surface of the reminder is 8/9 of the curved surface of the whole cone. Find the ratio of the line-segment into which the cone's altitude is divided by the plane.

8. In a potato race a bucket is placed at the starting point, which is 5m from the first potato, and other potatoes are placed 3m apart in a straight line. There are n potatoes in the line. Each competitor starts from the bucket, picks of the nearest potato, runs back with it, drops it in the bucket, runs back to pick up the next potato, runs to the bucket to drop it in the bucket, and she continue in the same way until all potatoes are in the bucket. What is the total distance the competitor has to run ?

9. A two digit number is obtained by either multiplying sum of the digits by 8 or adding 1 or by multiplying the difference of the digits by 13 and adding 2.Find the number.

10. By selling 400 articles, a man lost the S.P of 30 articles. Had he purchased them for Rs. 537.50, what would have been the S.P of 20 articles ?

11. The mean of the following frequency table is 50. But the frequencies f 1 and f 2 in class 20 – 40 and 60 – 80 are missing. Find the missing frequencies :

Class	Frequency
0 – 20	17
20 – 40	f 1
40 – 60	32
60 – 80	f 2
80 – 100	19
Total	120

12. Find the smallest number which leaves reminders 8 and 12 when divided by 28 and 32 respectively.

13. A right triangle, whose sides are 15cm and 20cm, is made to revolve about its hypotenuse. Find the volume and surface area of the double cone so formed (use $\pi = 3.14$)

14. What is least number which when divided by 5,6,8,9,12 gives reminder 1 in each case and is completely divisible by 13 ?

15. On a circular table cover of radius 32cm, a design is formed leaving an equilateral triangle in the middle. Find the area of the design.

(2)

16. Three sets of English, Mathematics and Science books containing 336, 240 and 96 books respectively have to be stacked in such a way that all the books are stored subject-wise and in each stack number of books is the same. Find the minimum number of stack used.

17. 1200 soldiers in a fort had enough food for 28days. After 4 days some soldiers were transferred to another fort and thus food lasted now for 32 more days. How many soldiers let the fort ?

18. Find the rate of interest at which Rs. 90,000 will amount to Rs. 1,15,600 in two years.

19. A and B can finish a piece of work in 36 days; B and C in 24 days; C and A in 18 days. In how many days will they finish it if they work together and if they work separately ?

20. A man whose bowling average is 12.4 takes 5 wickets for 26 runs and there by decreases his average by 0.4. Find the number of wickets taken by him before his last match.