PAST QUESTIONS AND ANSWERS SAMPLE

This is a sample past questions and answers from ISMYSCHOOL.NET.

The Sample only contains two pages:

- **The first page will contain some of the past questions from a particular year from the school.**

- **The Second page will contain either some of the answers or all the answers for the particular year from which the sample questions was used.**

If you want to get the full past questions and answers which contains more than 5 years (can be more than or less depending on the school); follow the instructions on the last page.

PHYSICAL SCIENCE

POST UTME PAST QUESTIONS AND ANSWERS ₦700

POST UME SCREENING EXERCISE

EXAM TYPE: PHYSICAL SCIENCE

INSTRUCTION: Programmes Engineering, Computer Sc. Info Tech. Science & Tech Edu, Maths, physics & Electronics

TIME ALLOWED: 1 ½ HOURS

1. Candidates are required to answer ALL questions
2. Candidates are to shade their correct options boldly((█)) using HB pencil
3. Each candidates should fill in all relevant sections of answer sheet
4. Use of calculators, mobile phones and any unauthorized material in the examination hall is NOT ALLOWED

ENGLISH LANGUAGE 2007 APTITUDE NO. 1-43
CHOOSE THE WORD OR GROUP OF WORDS THAT BEST COMPLETE EACH OF THE FOLLOWING SENTENCES

1. The president's speech......at 10.00 am yesterday. A. is broadcast B. has been broadcast C. were broadcast D. was broadcast.
2. Musa was disappointed and decided to take it..... Maryam A. off on B. out it C. of from D. out on
3. She can sign......as I had thought A. so well B. good C. well D. as well
4. Malam Gana owns many ....on his family A. cattles B. herd of cattle D. heads of cattle
5. the PTA meeting did not adjourn until had discussed all the matters placed..... it A. by B. with C. before D. over
6. The students did the homework, but not....the way I had expected. A. so B. quite C. hardly D. as
7. The previous assignment was...for me. A. much too difficult B. too much difficult C. difficult too much D. much difficult too

8. If I...what actually happened, I would have punished him. A. had heard. B. have. heard C. had had D. have heard.
9. It has been fantastic so far,....? A hast it B. isn't it C. hadn't D. wasn't
10. The computer system,...... was damage last week has been taken to the workshop. A. which B. who C. of whom D. of which
11. That child...nearly caused an accident. A. rather B. just C. very D. fairly.
12. ....is the owner of this pair of scissors? A. who B. whom C. which D. whose.
13. Sameera...comes to see us now: A. scarcely never B. almost ever C. never more D. hardly ever.
14. Hajia Salma purchased A. a pure leather bag imported B. an imported leather bag C. a leather bag imported pure D. an imported bag pure leather
15. The Minister says he is accountable....the President, and

nobody else A. from B. to C. with D. by
16. Nobody was surprised that the chief was convicted....all the charge A. on B. with C. of D. over
17. The fisherman threw a stone into river and this caused a..... A. sprinkle B. sparkle C. splash D. spring E. storm.
18. Since the writer did not indicate her name, the editor decided not to publish such ...article. A. a discourteous B. an anonymous C. a scandalous d. a libelous E. a cowardly.
19. The doctor......the illness as, malaria, not dysentery A. prescribed B. examined C. discovered D. announced E. diagnoses
20. The magazine was....by the government for an offensive publication. A. prescribed B. proscribed C. Suspended D. condemned E. persecuted
21. The pay was so interesting that the....clapped for quite a long time at the end. A. spectators B. watches C. congregation D. people E. audience

P/Sc.

22. The governor frowned at the.....which slowed down the implementation of policy decisions. A. bureaucracy B. autocracy C. opposition D. convention E. insecurity

23. The building....because of weak structural foundation. A. tumbled B. succumbed C. somersaulted D. collapsed E. caved

24. Many people reacted to the brutal murder of the popular journals with strong .... A. indignation B. demonstration C. mobilization D. condemnation E. accusation

25. That is not your book; it is.... A. Halimas B. Halima's C. Hallmas' own D. for Hallma's.

26. ....of what he said made no sense. A. Much B. Majority C. Plenty D. Many.

27. Ahmad is the....qualified for the job A. more B. most C. more than D. many more

28. We well leave....you are ready. A. as B. whenever C. while D. until

CHOOSE THE WORD OR GROUP OF WORDS THAT IS NEAREST IN MEANING TO THE UNDERLING WORDS IN THE FOLLOWING SENTENCES.

29. Sam will have to face the consequences of his rash action. A results B. answers C. antecedents D. prognosis.

30. You will incur your father's wrath if you do that. A. debt B. expenditure C. anger D. favour E. pleasure.

31. The devastation caused by the earthquake was shocking A. devaluation B. dilapidation C. desecration D. trepidation E. destruction.

32. The preacher warned the congregation against worrying unduly about mundane things. A. worldly B. celestial C. sinful D. immoral E. evil.

33. The points he made are germane to the arguments A. irregular B. convincing C. helpful D. unnecessary E. relevant.

CHOOSE THE WORD OR GROUP OF WORDS THAT ARE MOST NEARLY OPPOSITE IN MEANING TO THE UNDERLINED WORDS IN THE FOLLOWING SENTENCES.

34. Hauwa purchased various items at the big sale near kroda and surprisingly enough she....them before she reach home that same day. A. destroyed B. bought C. sold D. distributed E. left.

35. In this debate, Ado is my supporter, even though he is often my...in other matters. A. opponent B. ally C. opposition D. proposer E. opposite.

36. People who are normally...often turn to be dauntless heroes in the face of real danger A. unsteadly B. colourless C. cowardly D. bashful E. unfriendly.

37. I encouraged my younger sister to take on Law as a profession while I....brother from doing some. A. financed. Warned C. dissuaded D. Helped E. persuaded.

38. Segun was able to kindle the fire which Musa had to ....later. A kill B. switch C. extinguish D. destroy E. ignite.

CHOOSE THE INTERPRETATION THAT YOU CONSIDER THE MOST APPROPRIATE FOR EACH OF THE FOLLOWING SENTENCES.

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39. The Principal's quarters are out of bound to students. This means the quarters are A. outside the school boundary B. too far for students to go there C. not open to students D. for blinding students

40. The Minister's explanation begged the question. This means the Minister's explanation A. avoided the real issue B. addressed the issue C. was false D. was convincing

41. Belta scored a brilliant hat trick in the final match of the football competition. This means that he A. scored the winning goal B. was the best player C. deceived the defenders before scoring the goal D. scored three goals in the match.

42. Rashid Yekini has decided to hang his boots. This means that he A. is leaving his club for another one B. wants a new pair of boots C. is about to stop playing the game D. had been banned from playing football.

43. What I have told you is the gospel truth. This means that the information is A. false B. unconfirmed C. partly true D. completely true

POST UTME PAST QUESTIONS AND ANSWERS

1. D 2. A 3. A 4. D 5. C 6. B 7. A 8. A
9. A 10. A 11. B 12. A 13. D 14. B 15. B
16. A 17. C 18. B 19. E 20. B 21. A 22. A
23. D 24. A 25. B 26. A 27. B 28. B 29. A
30. C 31. E 32. A 33. E 34. C 35. A 36. D
37. C 38. C 39. C 40. B 41. A 42. C 43. D

NUMERICAL

APTITUDE 2007 No. [44-68]

44. A sales girl gave a change of N115 to a customer instead of N125. Calculate her percentage error A. 10% B. 8.7% C. 8.0% D. 2.4% E. 0.10%

% error = $\frac{\text{error}}{\text{Actual value}}$ x 100%

= $\frac{125 - 115}{125}$ X 100%

= $\frac{10}{125}$ X 100%

= 8% C

45. What is the probability of having an odd number in single toss of a fair die?

a. 1/6 b. 1/3 c. ½ d. 2/3 e. 5/6

Proof: Of odd No. in a single toss = ½ C (see BUK UTME, 2008/2009, Q80)

46. Student measured the length of a room and obtained the measurement of 3.99m. If the percentage error of her measurement was 5% and her own measurement was smaller than the length, what is length of the room?

a. 3.7b. 3.80mc. 4.18md. 20m e. 4.78m

%Error, as above is:

± error = $\frac{\%\text{Error X Actual value}}{100\%}$

± Error = $\frac{5\% \text{ X actual value}}{10\%}$

= 5

But error is also given as:

Actual value – virtual value

A.r – 3.99 = $\frac{5 \text{ X A.r}}{100}$

20(Ar – 3.99) = A.r

20A.r – 20 X 3.99 = Ar.

20A.r – A.r = 2 - X 3.99

19 A.r = 20 X 3.99

A.r = 4.20m (D)

47. Evaluate 0.009 ÷ 0.12 leaving your answer in standard form

a. 7.5×10^2 b. 7.5×10^1 c. 7.5×10^{-1} d. 7.5×10^{-2} e. 7.5×10^{-3}

Ans is (C) (See BUK UTME, 2008/2009, Q 75}

48. An arc of a circle of radius 7cm is 14cm long what angle does the arc subtend at the center of the circle (take π=22/7)

a. 25.7^0 b. 44^0 c. 51.43^0 d. 98^0 e. 114.55^0

Ans is E (see BUK UTME, 2008/2009, Q 74)

49. If 5 times a certain integer is subtracted from twice the square of the integer, the result is 68. Find the integer.

A. 21 b. 9 c. 7 d. 4 e. 3

Let the integer be i
5 time the integer = 5i
Square of the integer = i^2
Twice the square = $2i^2$

$2i^2 – 5i = 63$

This forms a quadratic equation.

$2i^2 – 5i – 63 = 0$

$2i^2 – 14i + 9i – 63 = 0$

$2i(i-7) + 9(i-7) = 0$

$(2i +9)(i – 7) = 0$

i = 7 or $-\frac{9}{2}$.

Since integer value of the number is required, then I = 7 (c)

50. If $3^x = 243$, find the value of x.

a. 2 b. 3 c. 4 d. 5 e. 6

$3^x = 243$

Where 243 = 3^5

$3^x = 3^5$

X = 5 (D)

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p/c

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