Nama (*Name*)   : _____
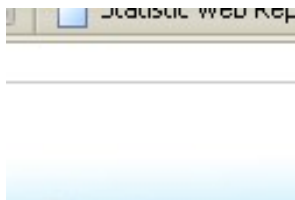
UJIAN *APTITUDE* APEL MQA

MQA APEL APTITUDE TEST

(FOR APPLICATION INTO BACHELOR DEGREE PROGRAMME)

(MQF LEVEL 6)

Masa: 2 jam

Time: 2 hours

Arahan kepada calon:

1. Sila pastikan kertas soalan ini mengandungi lapan (8) muka surat bercetak sebelum anda mula menjawab soalan peperiksaan.

2. Kertas ini mengandungi 40 soalan aneka pilihan. Pilih jawapan yang tepat dan tandakan jawapan pada kertas jawapan yang diberikan.

3. Baca arahan pada kertas soalan dan jawab semua soalan.

4. Anda tidak dibenarkan membawa keluar kertas soalan ini dari bilik peperiksaan.

Instructions to candidates:

1. Please check that this test paper consists of eight (8) pages of printed material before you begin the test.

2. This paper consists of 40 questions. For each question, choose the most appropriate answer. Indicate your answer on the separate answer sheet given.

3. Read the instructions on the question paper carefully. Attempt all questions.

4. You are not allowed to remove this test paper from the test venue.

BAHAGIAN A: PENGIRAAN / KUANTITATIF

SECTION A: NUMERICAL/QUANTITATIVE

1. A bank pays annual compounded interest of 4% half yearly. Find the amount at the end of one year if a sum of RM5000.00 is deposited.

   A. RM5042.00   C. RM5400
   B. RM5202.00   D. RM5800

2. Simplify $\frac{1}{1+\frac{1}{3}}$.

   A. $\frac{1}{2}$ C. $\frac{2}{3}$

   B. $\frac{1}{3}$ D. $\frac{3}{4}$

3. 3.5×10^{-5} is

   A. 0.35   C. 0.00035
   B. 0.0035   D. 0.000035

4. The value of $\frac{2^{-2} \times 8^4}{16^2}$ is

   A. 2^0 C. 2^2
   B. 2^1 D. 2^3

5. 23_8 in binary number is

   A. 10011_2 C. 11001_2
   B. 11000_2 D. 11100_2

6. Simplify $\frac{x^2 - 4y^2}{x - 2y}$.

   A. $x - y$ C. $x^2 - 4y$
   B. $x + 2y$ D. $x + 2y^2$

7. The interior angle of a regular hexagon is

   A. 60° C. 120°

B. 100° D. 160°

8. A bus travelled at 80 km/hr for 30 minutes. It stopped at a rest area for 5 minutes and continued to travel at an average speed of 100 km/hr for another 30 minutes. What is the distance travelled by the bus?

   A. 80 km   C. 90 km
   B. 85 km   D. 95 km

9. Given that $sin\ \theta = \frac{3}{5}$, $tan\ \theta$ is

   A. $\frac{3}{4}$ C. $\frac{4}{5}$

   B. $\frac{3}{5}$ D. $\frac{5}{3}$

10. A sum of RM18,000 is to be distributed to Ali, Bala and Chin in the ratio 2 : 4 : 3. How much will Chin receive?

   A. RM4,000.00   C. RM5,500.00
   B. RM4,500.00   D. RM6,000.00

BAHAGIAN B: BAHASA MALAYSIA
SECTION B: MALAY LANGUAGE

11. Wajah peragawati yang _____ itu telah memikat hati para penonton.

   A. comel
   B. manis
   C. rupawan
   D. tampan

12. Nelayan tua itu menebar _____ jala ke laut, sambil menghisap _____ rokok daun.

   A. serawan...sehelai
   B. serawan...sebatang
   C. sebuah...sebatang
   D. sebuah...sepotong

13. Rumah yang terletak di _____ kampung itu didiami sepasang suami isteri yang amat uzur.

   A. tepi

B. sebelah
C. tengah
D. pinggir

14. Semangat kejiranan perlu _____ dalam jiwa setiap pelajar.

   A. dipupuk
   B. disimpan
   C. dibaja
   D. diselit

15. Encik David _____ rumahnya bagi memperoleh pinjaman bank.

   A. menggadaikan
   B. menebuskan
   C. memajakkan
   D. mencagarkan

16. Pengurus itu hanya _____ ketika memerhatikan para pekerja yang sedang bekerja di ladang.

   A. berpeluk lutut
   B. berpeluk cium
   C. berpeluk tubuh
   D. berpeluk tangan

17. Dalam ayat-ayat yang berikut, terdapat kata ganda. Pilih kata ganda yang menunjukkan perbuatan berpanjangan.

   A. Pemuda itu suka *berangan-angan* seorang diri di dalam biliknya.
   B. Mereka berbincang dan *bertukar-tukar* pendapat tentang kempen kebersihan yang akan diadakan.
   C. Mereka *bersalam-salaman* selepas mengerjakan solat.
   D. Anak gadis Mak Timah *tersenyum-senyum* melihat gelagat aneh pemuda itu.

18. Semua cadangannya diterima pakai oleh ahli-ahli persatuan.

   A. diterima dan dipakai oleh ahli-ahli persatuan.
   B. diterima pakai oleh semua ahli-ahli persatuan.
   C. diterima dan dipakai oleh ahli-ahli persatuan
   D. diterima pakai oleh ahli-ahli persatuan.

19. Hampir setiap hari Puan Pushpa menunggu kepulangan anaknya dari perantauan.

   A. Hampir tiap hari

B. Hampir tiap-tiap hari
C. Hampir setiap-setiap hari
D. Hampir setiap hari

20. Fikirannya menjadi kabur sehinggakan tidak dapat menyelesaikan masalah yang begitu kecil.
    A. Fikirannya menjadi buntu
    B. Fikirannya menjadi terbantut
    C. Fikirannya menjadi kelabu
    D. Fikirannya menjadi kabur

BAHAGIAN C: BAHASA INGGERIS
SECTION C: ENGLISH LANGUAGE

Questions 21 to 25 are based on the passage given below.

Menghwa lived in the nursery with many other children, but nobody liked him very much. For one thing, he was very thin and for another he was greedy. If ever the children had a party, Menghwa was sure to eat most of the food and cakes. Once he even put some sandwiches into his pockets when he thought no one was looking at him. He wanted to eat them all by himself in the night.

When the children were at play, they seldom invited him because he was not cooperative and always wanted to do things his way. The teacher often had to explain to Menghwa the importance of living, playing and caring among friends.

21. Where did Menghwa live?

    A. He lived with his mother
    B. He lived in a hut.
    C. He lived in the nursery.
    D. He lived in a bungalow.

22. Why didn't the children like Menghwa?

    A. They did not like Menghwa because he was rude.
    B. They did not like Menghwa because he was thin and greedy.
    C. They did not like Menghwa because he was poor.
    D. They did not like Menghwa because he was short.

23. What will Menghwa do when there is a party?

    A. He will eat most of the food and cakes.
    B. He will throw away most of the food and cakes.
    C. He will share most of the food and cakes.

D. He will give most of the food and cakes to his sister.

24. Why did Menghwa put sandwiches into his pockets?

    A. He wanted to give it to his teacher.
    B. He wanted to give it to his sister.
    C. He wanted to sell them.
    D. He wanted to eat them all by himself in the night.

25. What is the meaning of the word "cooperative"?

    A. Working on his own.
    B. Challenging others.
    C. Willingness to work with others.
    D. Fighting with others.

26. He can _____ English very well.

    A. speaks
    B. speak
    C. speaking
    D. spoke

27. My friends and I _____ a movie last night.

    A. watch
    B. watches
    C. watched
    D. watching

28. She is angry because _____ sister broke the vase.

    A. she
    B. herself
    C. her
    D. hers

29. She is the _____ among her sisters.

    A. tall
    B. more tall
    C. most tall
    D. tallest

30. _____ is she crying?

    A. Why
    B. How

C. Which
D. Who

BAHAGIAN D: PEMIKIRAN KRITIKAL / PENGETAHUAN AM
SECTION D: CRITICAL THINKING / GENERAL KNOWLEDGE

31. What is the unit for measuring the amplitude of a sound?

    A. Decibel
    B. Cycles
    C. Celsius
    D. Hum

32. The chemical formula for water is _____.

    A. $NaAlO_2$
    B. Al_2O_3
    C. $CaSiO_3$
    D. H_2O

33. Who developed Google?

    A. Dennis Ritchie & Ken Thompson
    B. Mark Zuckerberg & Eduardo Saverin
    C. David Filo & Jerry Yang
    D. Larry Page & Sergey Brin

34. What kind of file does .JPG extension usually refer to?

    A. Animation file
    B. Movie file
    C. Image file
    D. Ms Word

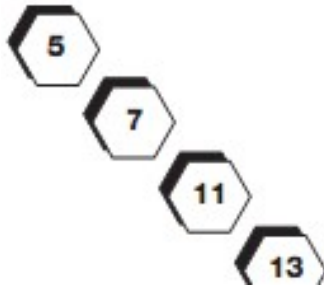35. Who is fondly referred to as "The Father of Modernisation" of Malaysia?

    A. Tunku Abdul Rahman Putra Al Haj
    B. Tun Abdul Razak
    C. Tun Hussein Oon
    D. Tun Mahathir Mohamad

36. In the following series, what number comes next?

    36, 34,30,28,24, ...

A. 20
B. 22
C. 23
D. 26

37. Which number completes the puzzle?

A. 16
B. 17
C. 18
D. 19

38. Azmin is two years older than Bob who is twice as old as Cindy. If the total of the ages of Azmin, Bob and Cindy are 27, then how old is Bob?

A. 10
B. 16
C. 11
D. 12

39. Exercise is to gym as eating is to _____

A. food
B. dieting
C. fitness
D. restaurant

40. At which sport has Dato' Nicol David been world champion?

A. Tennis
B. Polo
C. Squash
D. Badminton

End of question paper