

BAHAGIAN A / PART A**ARAHAN/ INSTRUCTIONS**

Bahagian A mengandungi **SEPULUH** soalan. **Jawab SEMUA** soalan.

Part A contains TEN questions. Answer ALL questions.

SOALAN / QUESTIONS**Markah / Marks**

1. **Terangkan aplikasi komputer dalam automasi kilang.**

Explain the use of computers in factory automation.

(2)

2. **Berikan EMPAT bahagian utama jidar.**

State the FOUR main parts of margin.

(2)

3. **Di manakah kita perolehi pencontoh di dalam MS word?**

Where do we find templates in MS word?

(2)

4. **Apakah kegunaan *Clip Organizer*?**

What is the use of Clip Organizers?

(2)

5. **Bagaimanakah kita memformat *cell* di dalam hamparan elektronik?**

How do we format the cells in an electronic spreadsheet?

(2)

6. **Terangkan langkah menginstalasi perisian secara manual.**

Explain how you manually install an application.

(2)

7. **Apakah bahagian-bahagian alamat e-mel?**

What are the parts of an email address?

(2)

8. **Huraikan secara ringkas PPBK.**

Briefly explain PPBK.

(2)

9. **Kenapakah kita perlu berhati-hati bila memilih perisian untuk pengajaran dan pembelajaran?**

Why do we need to be careful when choosing programs for teaching and learning?

(2)

10. **Apakah DUA bahasa komputer yang digunakan oleh komputer generasi kedua?**

What are TWO computer languages used by second generation computers?

(2)

BAHAGIAN B / PART B**ARAHAN / INSTRUCTIONS**

Bahagian B mengandungi **EMPAT** soalan. **Jawab TIGA SAHAJA.**

Part B contains FOUR questions. Answer THREE ONLY.

SOALAN / QUESTIONS**Markah / Marks**

1. **Persekitaran pembelajaran tradisional dan persekitaran pembelajaran baru amat berbeza.**
- (a) **Huraikan dan bincangkan perbezaan dua persekitaran ini. (6)**
- (b) **Terangkan peranan guru menggunakan TMK bagi tujuan pengajaran dan pembelajaran. (6)**
- (c) **Apakah perkara yang paling penting yang perlu kita ambil kira dalam perancangan menggunakan TMK di dalam pengajaran dan pembelajaran? (8)**

The traditional learning environment and the new learning environment are very different indeed.

- (a) Describe and discuss the differences of the two environments.
- (b) Describe the role of teachers in using ICT in teaching and learning.
- (c) What is the most important factor to be considered when planning to use ICT in teaching and learning?

(Jumlah / Total: 20)

2. **Tanpa perisian, sesebuah komputer di dalam kelas hanyalah sebuah hiasan.**
- (a) **Huraikah LIMA criteria pemilihan perisian yang sesuai.** (5)
- (b) **Jelaskan konsep mesra pengguna.** (5)
- (c) **Jelaskan bagaimana anda melakukan penilaian sumatif.** (10)

Without software, a computer in a class is only an ornament.

- (a) Elaborate on FIVE criteria of choosing appropriate software.
- (b) Clarify the concept of user friendliness.
- (c) Describe how you would do a summative assessment.

(Jumlah / Total: 20)

3. **Komputer adalah di antara alat membantu yang paling efektif bagi seseorang guru.**
- (a) **Terangkan perbezaan di antara CAI dan CAL.** (4)
- (b) **Apakah komponen asas perisian kursus yang paling penting?** (6)
- (c) **“PPBK lebih baik dari pengajaran dan pembelajaran biasa”. Bincangkan.** (10)

The computer is one of the most effective teaching aids for teachers.

- (a) Describe the difference between CAI and CAL.
- (b) What is the most important basic courseware component?
- (c) “CAI/CAL is better than ordinary teaching”. Discuss.

(Jumlah / Total: 20)

4. **Rangkaian komputer semakin penting di masa ini.**

- (a) **Huraikan fungsi KETUJUH-TUJUH komponen rangkaian komputer. (14)**
- (b) **Pada pendapat anda, topologi manakah yang paling baik dan mengapa. (6)**

Computer networks are becoming increasingly important today.

- (a) Elaborate on the functions of all seven components of the computer network.
- (b) In your opinion, which topology is the best and why?

(Jumlah / Total: 20)

BAHAGIAN C / PART C

ARAHAN / INSTRUCTIONS

Bahagian C mengandungi DUA soalan. Jawab SATU soalan SAHAJA.

Part C contains TWO questions. Answer ONE question ONLY.

SOALAN / QUESTIONS

Markah / Marks

1. **Pemprosesan perkataan adalah program yang paling popular di kalangan guru.**
 - (a) **Terangkan bagaimana anda membuka fail baru, menaip nama anda dan menyimpan fail itu di dalam cakera keras anda.** (6)
 - (b) **Jelaskan bagaimana anda;**
 - (i) **Membina borang penerima emel di dalam pemproses perkataan.** (8)
 - (ii) **Memasukkan gambar di dalam dokumen anda.** (6)

Word processing is a popular program among teachers.

- (a) Describe how you open a new file, type your name and then save it on your hard disk.
- (b) Describe how you;
 - (i) Build an email recipient form in your word processor.
 - (ii) Add pictures in your document.

(Jumlah / Total: 20)

2. **Penggunaan komputer dalam pengajaran dan pembelajaran tidak meminggirkan guru dalam pengajaran dan pembelajaran.**
- (a) **Berdasarkan kenyataan di atas, beri pendapat anda tentang fungsi guru dalam menghadapi cabaran pengajaran dan pembelajaran menggunakan komputer. (10)**
- (b) **Berdasarkan pengalaman anda, bincangkan kategori dan mod pengajaran dan pembelajaran dalam menggunakan komputer. (6)**
- (c) **Sebagai guru anda diminta memberi pandangan terhadap penggunaan TMK dalam pendidikan. Berikan pandangan anda dalam aspek ini. (4)**

The use of computers in teaching and learning does not exclude the teacher from teaching and learning.

- (a) Based on the above statement, give your opinion on the function of the teacher in facing the challenges of computer-assisted teaching and learning.
- (b) Based on your experience discuss the categories and modes of teaching and learning using computers.
- (c) As a teacher, you have been asked to give your opinion on the use of ICT in education. Give your opinion on the matter.

(Jumlah / Total: 20)

KERTAS SOALAN TAMAT / END OF QUESTION PAPER