**FORMAT DAN JADUAL PENENTU UJIAN**

**FORMAT UJIAN**

**CONTOH:** Bagi Ujian Pertengahan Semester 2 (UPS 2) Sesi 2013/2014

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Mata Pelajaran** | **Tajuk** | **Bilangan Soalan** | **Aras Soalan** | **Format soalan** | **Status soalan** | **Masa Ujian** |
| Biologi | 11.0 Biodiversity  11.1 Biodiversity and classification  11.2 Domain Bacteria and Archaebacteria  11.3 Domain Eukarya: Kingdom Protista/Protoctista  11.4 Domain Eukarya: Kingdom Fungi | 1 | I, II dan III | Struktur | Wajib jawab semua | 1 jam |
| 11.0 Biodiversity  11.5 Domain Eukarya: Kingdom Plantae  11.6 Domain Eukarya: Kingdom Animalia  11.7 Evolutionary relationship in animal Kingdom | 1 | I, II dan III |
| 12.0 Ecology  13.0 Population Ecology | 1 | I, II dan III |
| 14.0 Variation | 1 | I, II dan III |

**JADUAL PENENTU UJIAN**

**Nama Mata Pelajaran:** Biologi **Kod:** SB026

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| **Bil.** | **Tajuk** | **Bilangan Soalan** | **Markah** | **Tahap Kesukaran** | **Format soalan** | **Masa Ujian** |
| 1. | 11.0 Biodiversity  11.1 Biodiversity and classification  11.2 Domain Bacteria and Archaebacteria  11.3 Domain Eukarya: Kingdom Protista/Protoctista  11.4 Domain Eukarya: Kingdom Fungi | 1 | 10 | **Tahap 1**:  Ingat Semula (40%)  **Tahap 2**:  Pemahaman Konsep (40%)  **Tahap 3**:  Aplikasi (20%) | Struktur | 1 Jam |
| 2. | 11.0 Biodiversity  11.5 Domain Eukarya: Kingdom Plantae  11.6 Domain Eukarya: Kingdom Animalia  11.7 Evolutionary relationship in animal Kingdom | 1 | 10 |
| 3. | 12.0 Ecology  13.0 Population Ecology | 1 | 10 |
| 4. | 14.0 Variation | 1 | 10 |
|  | **JUMLAH** | **4** | **40** |

**CATATAN:**

1. Sila pastikan soalan yang digubal mengikut Jadual Penentu Ujian yang dibentuk.
2. Bentuk format soalan adalah seperti contoh yang dilampirkan.
3. Tulisan yang digunakan adalah Times New Roma bersaiz 12
4. Sekiranya soalan yang digubal mempunyai gambar rajah, sila nyatakan sumber rujukan gambar rajah tersebut.
5. Soalan yang digubal haruslah tulen dan plagiat tidak dibenarkan sama sekali.

**FORMAT DAN JADUAL PENENTU UJIAN**

**FORMAT UJIAN**

**CONTOH:** Bagi Peperiksaan Semester Program Matrikulasi 2 (PSPM 2) Sesi 2012/2013

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| **Mata Pelajaran** | **Tajuk** | **Bilangan Soalan** | **Aras Soalan** | **Format soalan** | **Status soalan** | **Masa Ujian** |
| Biologi | 11.0 Biodiversity  11.1 Biodiversity and classification  11.2 Domain Bacteria and Archaebacteria  11.3 Domain Eukarya: Kingdom Protista/Protoctista  11.4 Domain Eukarya: Kingdom Fungi  11.5 Domain Eukarya: Kingdom Plantae  11.6 Domain Eukarya: Kingdom Animalia  11.7 Evolutionary relationship in animal Kingdom | 1 | I, II dan III | Struktur | Wajib jawab semua | 2 ½ jam |
| 13.0 Population Ecology  13.1 Population growth | 1 | I, II dan III |
| 19.0 Homeostasis.  19.1 Concept of Homeostasis  19.2 Negative Fedback mechanism  19.3 Human Homeostatic Organ | 1 | I, II dan III |
| 22.0 Recombinant DNA Technology  22.1Recombinant DNA Technology  22.2 Method in Gene Cloning.  22.3 Application of Recombinant DNA Technology | 1 | I, II dan III |
| **Mata Pelajaran** | **Tajuk** | **Bilangan Soalan** | **Aras Soalan** | **Format soalan** | **Status soalan** |
| Biologi | 11.0 Biodiversity  11.1 Biodiversity and classification  11.2 Domain Bacteria and Archaebacteria  11.3 Domain Eukarya: Kingdom Protista/Protoctista  11.4 Domain Eukarya: Kingdom Fungi  11.5 Domain Eukarya: Kingdom Plantae  11.6 Domain Eukarya: Kingdom Animalia  11.7 Evolutionary relationship in animal Kingdom | 1 | I, II dan III | Esei | Pilih 3 daripada 5 soalan |
| 15.0 Cellular Respiration  15.1 Types of respiration: aerobic and anaerobic.  15.2 Aerobic respiration  15.3 Anaerobic respiration: Fermentation and its application | 1 | I, II dan III |
| 18.0 Transport System  18.1 Mammalian Heart and Its Regulation.  18.2 Lymphatic system: Role in transport.  18.3 Transport in Plants. | 1 | I, II dan III |
| 21.0 Immunity  21.1 Immune response  21.2 Development of imunity: Primary and secondary response. | 1 | I, II dan III |
| 22.0 Recombinant DNA Technology  22.1Recombinant DNA Technology  22.2 Method in Gene Cloning.  22.3 Application of Recombinant DNA Technology | 1 | I, II dan III |

**JADUAL PENENTU UJIAN**

**Nama Mata Pelajaran:** Biologi **Kod:** SB026

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| **Bil.** | **Tajuk** | **Bilangan Soalan** | **Markah** | **Tahap Kesukaran** | **Format soalan** | **Masa Ujian** |
| 1. | 11.0 Biodiversity  11.1 Biodiversity and classification  11.2 Domain Bacteria and Archaebacteria  11.3 Domain Eukarya: Kingdom Protista/Protoctista  11.4 Domain Eukarya: Kingdom Fungi  11.5 Domain Eukarya: Kingdom Plantae  11.6 Domain Eukarya: Kingdom Animalia  11.7 Evolutionary relationship in animal Kingdom | 1 | 10 | **Tahap 1**:  Ingat Semula (40%)  **Tahap 2**:  Pemahaman Konsep (40%)  **Tahap 3**:  Aplikasi (20%) | Struktur | 1 Jam |
| 2. | 13.0 Population Ecology  13.1 Population growth | 1 | 10 |
| 3. | 19.0 Homeostasis.  19.1 Concept of Homeostasis  19.2 Negative Fedback mechanism  19.3 Human Homeostatic Organ | 1 | 10 |
| 4. | 22.0 Recombinant DNA Technology  22.1Recombinant DNA Technology  22.2 Method in Gene Cloning.  22.3 Application of Recombinant DNA Technology | 1 | 10 |
|  | **JUMLAH** | **4** | **40** |  |  |  |
| **Bil.** | **Tajuk** | **Bilangan Soalan** | **Markah** | **Tahap Kesukaran** | **Format soalan** | **Masa Ujian** |
| 5. | 11.0 Biodiversity  11.1 Biodiversity and classification  11.2 Domain Bacteria and Archaebacteria  11.3 Domain Eukarya: Kingdom Protista/Protoctista  11.4 Domain Eukarya: Kingdom Fungi  11.5 Domain Eukarya: Kingdom Plantae  11.6 Domain Eukarya: Kingdom Animalia  11.7 Evolutionary relationship in animal Kingdom | 1 | 20 | **Tahap 1**:  Ingat Semula (40%)  **Tahap 2**:  Pemahaman Konsep (40%)  **Tahap 3**:  Aplikasi (20%) | Esei | 1 ½ Jam |
| 6. | 15.0 Cellular Respiration  15.1 Types of respiration: aerobic and anaerobic.  15.2 Aerobic respiration  15.3 Anaerobic respiration: Fermentation and its application | 1 | 20 |
| 7. | 18.0 Transport System  18.1 Mammalian Heart and Its Regulation.  18.2 Lymphatic system: Role in transport.  18.3 Transport in Plants. | 1 | 20 |
| 8. | 21.0 Immunity  21.1 Immune response  21.2 Development of imunity: Primary and secondary response. | 1 | 20 |
| 9. | 22.0 Recombinant DNA Technology  22.1Recombinant DNA Technology  22.2 Method in Gene Cloning.  22.3 Application of Recombinant DNA Technology | 1 | 20 |
|  | **JUMLAH** | **5** | **100** |  |  |  |

**LAMPIRAN**

**FORMAT SOALAN**

Bold

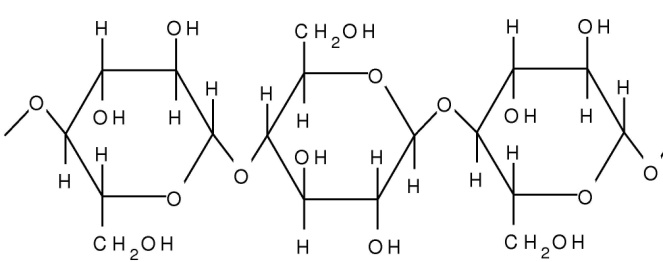
1 (b) **FIGURE 2** shows structures of polysaccharides.

Tab

0.5

Tab

0.5



Tab

0.5

Huruf label Times New Roman: 12 dan Bold

Centre

**A**

Center

**FIGURE 2**

*Italic*

**LEVEL 1**

1. Name the monomer and specific bond present in polysaccharide **A**

[2 *marks*]

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Align text right

**LEVEL 2**

1. State **TWO** structural differences between polysaccharide A and amylopectin.

[2 *marks*]

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**LEVEL 3**

1. Why human intestine unable to digest polysaccharide A?

[1 *mark*]

Line spacing 1.5

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