

## Praktis PT3



Praktis Ekstra

### Soalan Aneka Pilihan

- 1 Nebula terdiri daripada gas  
*Nebula is made up of gases*  
A hidrogen dan nitrogen.  
*hydrogen and nitrogen.*  
B hidrogen and helium.  
*hydrogen and helium.*  
C nitrogen dan helium.  
*nitrogen and helium.*  
D helium and oksigen.  
*helium and oxygen.*
- 2 Galaksi yang mengandungi bintang tua yang kurang cerah ialah  
*A galaxy that consists of old stars which are less bright is*  
A galaksi spiral *a spiral galaxy*  
B galaksi elips *an elliptical galaxy*  
C galaksi tidak seragam *irregular galaxy*  
D galaksi Bima Sakti *the Milky Way*
- 3 Bima Sakti ialah galaksi berbentuk  
*The Milky Way is*  
A spiral *a spiral-shaped galaxy*  
B elips *an elliptical-shaped galaxy*  
C tidak seragam *an irregular-shaped galaxy*  
D jalur *a striped-shaped galaxy*
- 4 Bintang yang berjisim 10 kali atau lebih jisim Matahari mengembang menjadi  
*The stars which are 10 times or more than the mass of the Sun expand to become*  
A bintang raksasa *red giant*  
B bintang super raksasa merah *super red giant*  
C nebula planet *planetary nebula*  
D kerdil hitam *black dwarf*
- 5 Antara bintang berikut, yang manakah mengeluarkan gelombang radio?  
*Which of the following star gives out radio waves?*  
A bintang raksasa *red giant*  
B bintang neutron *neutron star*  
C kerdil putih *white dwarf*  
D kerdil hitam *black dwarf*

### Soalan Struktur

- 1 (a) Apakah bahan yang membentuk nebula?  
*What are the substances that make up a nebula?*  
\_\_\_\_\_  
[1 markah/mark]
- (b) Apakah proses yang terlibat dalam pembentukan bintang?  
*What is the process involved in the formation of a star?*  
\_\_\_\_\_  
[1 markah/mark]
- (c) Nyatakan satu ciri lohong hitam.  
*Name one characteristic of a black hole.*  
\_\_\_\_\_  
[2 markah/marks]