一.

1. A

2. D

3. B

4. A

5. C

6. A

7. B

8. B

9. D

10. C

11 D

12 C

13 D

14 D

15 B

二.

1. True

2. False

3. True

4. False

5. False

6. False

7. False

8. False

9. True

10 True

三.

1.

<?xml version="1.0" encoding="UTF-8"?>

<!--W3C Schema generated by XMLSpy v2013 (http://www.altova.com)-->

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<xsd:element name="departments">

<xsd:complexType>

<xsd:sequence>

<xsd:element name="department" type="Departments" maxOccurs="10"/>

</xsd:sequence>

</xsd:complexType>

</xsd:element>

<xsd:complexType name="Departments">

<xsd:sequence>

<xsd:element name="name" type="Name"/>

<xsd:element name="student" type="Student" maxOccurs="300"/>

</xsd:sequence>

</xsd:complexType>

<xsd:complexType name="Student">

<xsd:sequence>

<xsd:element name="sID" type="xsd:integer"/>

<xsd:element name="name" type="xsd:string"/>

<xsd:element name="birthday" type="Birthday"/>

<xsd:element name="email" type="Email"/>

<xsd:element name="scores">

<xsd:complexType>

<xsd:sequence>

<xsd:element name="course" maxOccurs="40">

<xsd:complexType>

<xsd:simpleContent>

<xsd:extension base="Course">

<xsd:attribute name="cID" type="xsd:integer"/>

</xsd:extension>

</xsd:simpleContent>

</xsd:complexType>

</xsd:element>

</xsd:sequence>

</xsd:complexType>

</xsd:element>

</xsd:sequence>

</xsd:complexType>

<xsd:simpleType name="Name">

<xsd:restriction base="xsd:string">

<xsd:enumeration value="软件工程"/>

<xsd:enumeration value="数字媒体技术"/>

</xsd:restriction>

</xsd:simpleType>

<xsd:simpleType name="Birthday">

<xsd:restriction base="xsd:string">

<xsd:pattern value="[0-9][0-9][0-9][0-9]年[0-9][0-9]月[0-9][0-9]日"/>

</xsd:restriction>

</xsd:simpleType>

<xsd:simpleType name="Email">

<xsd:restriction base="xsd:string">

<xsd:pattern value="[a-zA-z0-9]{3,}@xmu.edu.cn"/>

</xsd:restriction>

</xsd:simpleType>

<xsd:simpleType name="Scores">

<xsd:restriction base="xsd:integer">

<xsd:minInclusive value="0"/>

<xsd:maxInclusive value="100"/>

</xsd:restriction>

</xsd:simpleType>

<xsd:simpleType name="Course">

<xsd:restriction base="xsd:integer">

<xsd:maxInclusive value="100"/>

</xsd:restriction>

</xsd:simpleType>

</xsd:schema>

2.

<?xml version="1.0" encoding="UTF-8"?>

<toc>

<section id="1">

<title>Existence</title>

<figcount>2</figcount>

</section>

<section id="2">

<title>History</title>

<figcount>1</figcount>

</section>

<section id="3">

<title>Universe</title>

<figcount>0</figcount>

</section>

</toc>